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Model Documentation

Model Detail

This document provides a complete overview of all element details. For simpler and more focused reports, simply copy this initial template and turn off the sections not required.

Model

<i>Type:</i>	Package
<i>Status:</i>	Proposed. Version . Phase 1.0.
<i>Package:</i>	
<i>Detail:</i>	<i>Created on 6/17/2010. Last modified on 6/17/2010</i>
<i>GUID:</i>	{0D63F308-DAF8-4e25-B226-760B3241B89C}

DevelopmentModels

<i>Type:</i>	Package
<i>Status:</i>	. Version . Phase .
<i>Package:</i>	Model
<i>Detail:</i>	<i>Created on 6/12/2010. Last modified on 6/12/2010</i>
<i>GUID:</i>	{B9FC7E6D-961E-431c-96EB-602FB94A69F7}

<<Sea>>21090DataSuppor

<i>Type:</i>	Package
<i>Status:</i>	Proposed. Version 1.0. Phase 1.0.
<i>Package:</i>	DevelopmentModels
<i>Detail:</i>	<i>Created on 5/26/2010. Last modified on 5/29/2010</i>
<i>GUID:</i>	{C928675A-8843-4e0f-952F-8F07B8223672}

Translation - (Sequence diagram)

<i>Created By:</i>	Zoran on 5/29/2010
<i>Last Modified:</i>	5/31/2010
<i>Version:</i>	1.0. <i>Locked:</i> False
<i>GUID:</i>	{8BD4F9A7-E02C-47c8-8EAD-5F438D6FBB63}

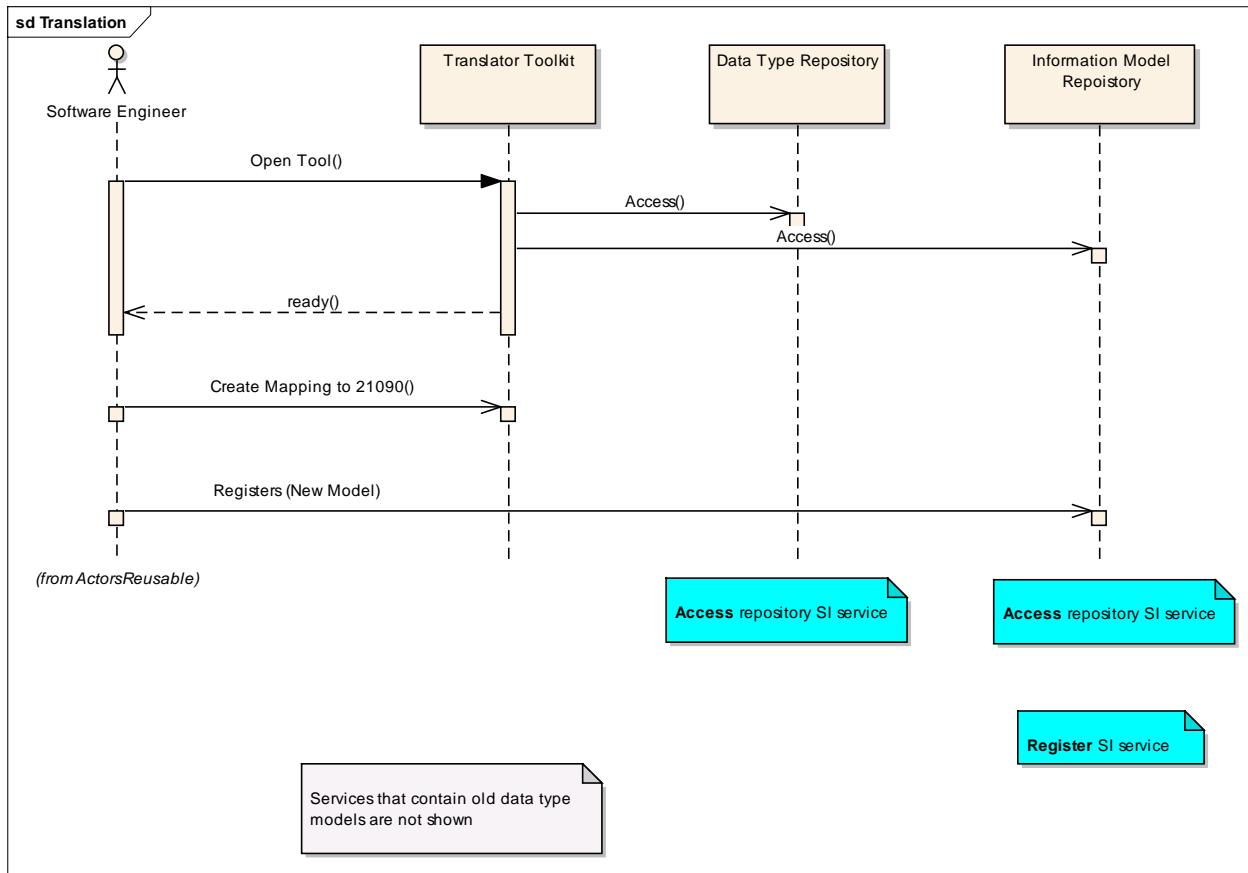


Figure: 1

ActorsReusable

Type:	Package
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	DevelopmentModels
Detail:	<i>Created on 5/28/2010. Last modified on 5/28/2010</i>
GUID:	{C530DDAA-6ACA-4bf5-B0BE-E6178F08EF88}

Information Modeler

Type:	Actor
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	ActorsReusable
Detail:	<i>Created on 5/26/2010. Last modified on 5/28/2010.</i>
GUID:	{D07E1776-D453-43c5-9978-3CF61D21F1AB}

Connections

Connector	Source	Target	Notes

Connector	Source	Target	Notes
Sequence Markup model Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Open Information Model Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Open Tool Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Selects Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Generate XML Schema Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Specify omitted enumerations Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence ready Source -> Destination	Public UML Tool	Public Information Modeler	
Sequence Search Source -> Destination	Public Information Modeler	Public Data Type Repository	
Sequence return Source -> Destination	Public Data Type Repository	Public Information Modeler	
Sequence Specifiy omitted enumartion values Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence inform Source -> Destination	Public Data Type Repository	Public Information Modeler	
Sequence Import Source -> Destination	Public Information Modeler	Public Data Type Repository	
Sequence Specify omitted attributes Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Specify omitted classes Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence importedAck Source -> Destination	Public UML Tool	Public Information Modeler	
Sequence Annotates special considerations	Public Information Modeler	Public UML Tool	

Connector	Source	Target	Notes
Source -> Destination			

Software Engineer

Type: Actor
Status: Proposed. Version 1.0. Phase 1.0.
Package: ActorsReusable
Detail: Created on 5/29/2010. Last modified on 5/29/2010.
GUID: {FD7FA5EA-0785-4c63-9962-6BC9D8DC49F4}

Connections

Connector	Source	Target	Notes
<u>Sequence</u> Open Tool Source -> Destination	Public Software Engineer	Public Translator Toolkit	
<u>Sequence</u> Reads Source -> Destination	Public Software Engineer	Public ECCF Repository	
<u>Sequence</u> ready Source -> Destination	Public Translator Toolkit	Public Software Engineer	
<u>Sequence</u> Perform testing Source -> Destination	Public Software Engineer	Public Software Engineer	
<u>Sequence</u> Create Mapping to 21090 Source -> Destination	Public Software Engineer	Public Translator Toolkit	
<u>Sequence</u> Registers Source -> Destination	Public Software Engineer	Public Information Model Repository	

System Architect

Type: Actor
Status: Proposed. Version 1.0. Phase 1.0.
Package: ActorsReusable
Detail: Created on 5/29/2010. Last modified on 5/29/2010.
GUID: {55CD52BB-E728-4266-A5FD-656FB819B2D1}

Connections

Connector	Source	Target	Notes
Sequence Identify systems with 21090 types Source -> Destination	Public System Architect	Public Metadata Browser	
Sequence Documents Source -> Destination	Public System Architect	Public ECCF Repository	

CombinedUseCases-Community

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: DevelopmentModels
Detail: *Created on 5/29/2010. Last modified on 5/29/2010*
GUID: {7F617ECA-A231-4408-8CC4-FF0C2438F3B2}

CombinedUseCases-Community - (Logical diagram)

Created By: Zoran on 5/29/2010
Last Modified: 5/29/2010
Version: 1.0. [Locked](#): False
GUID: {B31899BB-A4D0-4fa8-A3E8-5A329072808B}

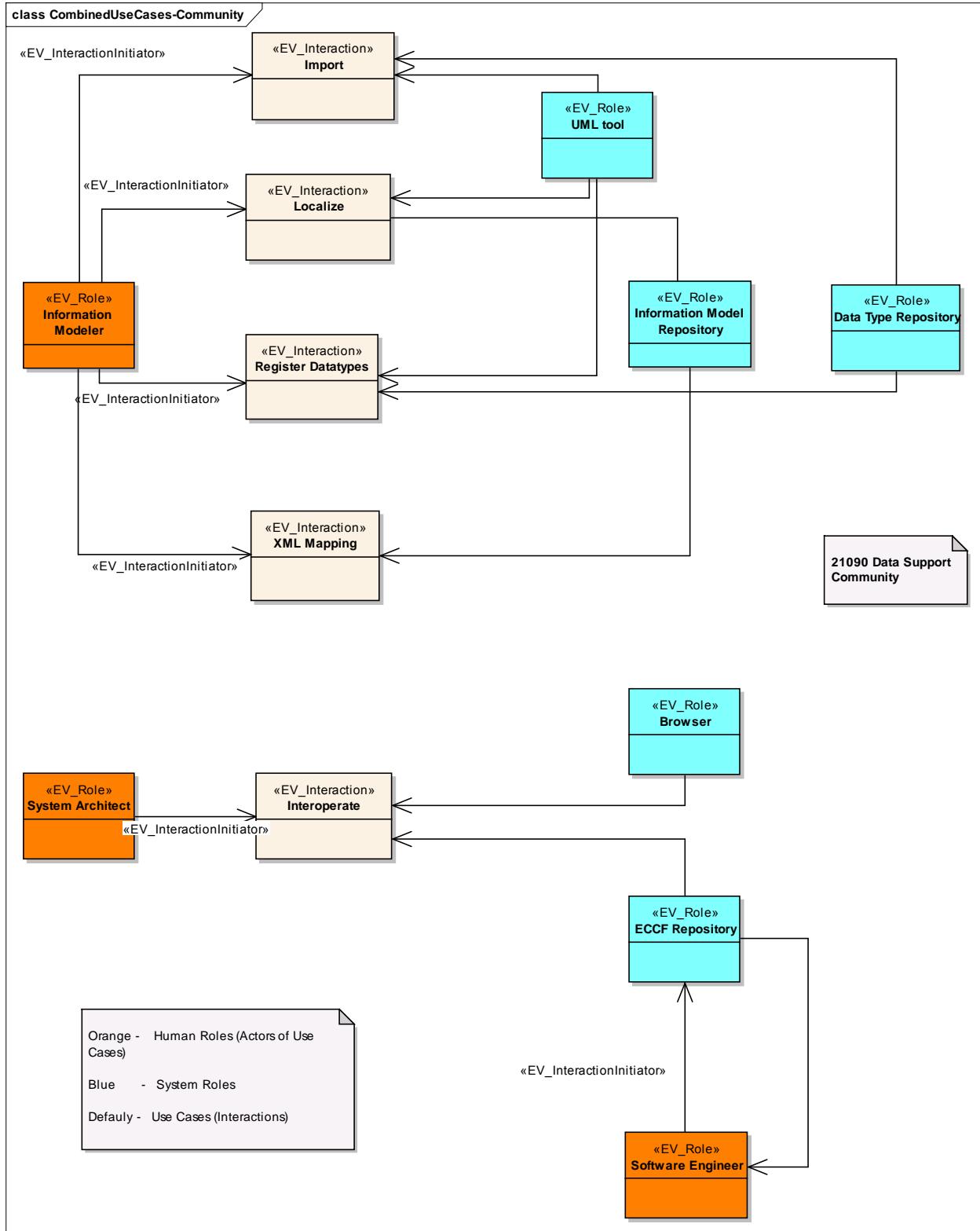


Figure: 2

Browser

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: Created on 5/29/2010. Last modified on 5/29/2010.
GUID: {F8EFB3E4-CD5D-4efd-AA91-B87155D2CB31}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Browser	Public Interoperate	

Data Type Repository

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: Created on 5/29/2010. Last modified on 5/29/2010.
GUID: {2A2C8C82-A11E-40c9-A012-59E91ED5A0C3}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Data Type Repository	Public Register Datatypes	
Association Source -> Destination	Public Data Type Repository	Public Import	

ECCF Repository

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.

Package: CombinedUseCases-Community **Keywords:**
Detail: Created on 5/29/2010. Last modified on 5/29/2010.
GUID: {EA153FEA-3C5A-47e8-9DFB-9331AFDA4380}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public ECCF Repository	Public Interoperate	
Association Source -> Destination	Public Software Engineer	Public ECCF Repository	
Association Source -> Destination	Public ECCF Repository	Public Software Engineer	

Import

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: Created on 5/29/2010. Last modified on 5/29/2010.
GUID: {F0D1CFA0-A323-48a9-A032-496A054E5F04}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Information Modeler	Public Import	
Association Source -> Destination	Public Data Type Repository	Public Import	
Association Source -> Destination	Public UML tool	Public Import	

Information Model Repository

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: *Created on 5/29/2010. Last modified on 5/29/2010.*
GUID: {706B48FB-BACC-4e63-A8A9-AC6BFB12B6F0}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Unspecified	Public Information Model Repository	Public Localize	
Association Source -> Destination	Public Information Model Repository	Public XML Mapping	

Information Modeler

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: *Created on 5/29/2010. Last modified on 5/29/2010.*
GUID: {19FEEE24-64C3-43ef-B495-1C5AC618691E}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Information Modeler	Public Import	
Association Source -> Destination	Public Information Modeler	Public XML Mapping	

Connector	Source	Target	Notes
Association Source -> Destination	Public Information Modeler	Public Register Datatypes	
Association Source -> Destination	Public Information Modeler	Public Localize	

Interoperate

Type: **Class**

Status: Proposed. Version 1.0. Phase 1.0.

Package: CombinedUseCases-Community *Keywords:*

Detail: *Created on 5/29/2010. Last modified on 5/29/2010.*

GUID: {833A58FB-90B9-4f2d-AE09-434337D24D64}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public ECCF Repository	Public Interoperate	
Association Source -> Destination	Public Browser	Public Interoperate	
Association Source -> Destination	Public System Architect	Public Interoperate	

Localize

Type: **Class**

Status: Proposed. Version 1.0. Phase 1.0.

Package: CombinedUseCases-Community *Keywords:*

Detail: *Created on 5/29/2010. Last modified on 5/29/2010.*

GUID: {7A5C32C2-1508-4497-9E88-610F19CF2037}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public UML tool	Public Localize	
Association Unspecified	Public Information Model Repository	Public Localize	
Association Source -> Destination	Public Information Modeler	Public Localize	

Register Datatypes

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: *Created on 5/29/2010. Last modified on 5/29/2010.*
GUID: {5056E3CE-806C-4dae-A10A-7D9157FBAC92}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Information Modeler	Public Register Datatypes	
Association Source -> Destination	Public Data Type Repository	Public Register Datatypes	
Association Source -> Destination	Public UML tool	Public Register Datatypes	

Software Engineer

Type: Class
Status: Proposed. Version 1.0. Phase 1.0.
Package: CombinedUseCases-Community **Keywords:**
Detail: *Created on 5/29/2010. Last modified on 5/29/2010.*
GUID: {0DFBE730-A89E-4069-BA1B-730FAC889F8B}

Custom Properties

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Software Engineer	Public ECCF Repository	
Association Source -> Destination	Public ECCF Repository	Public Software Engineer	

System Architect**Type:** Class**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** CombinedUseCases-Community **Keywords:****Detail:** Created on 5/29/2010. Last modified on 5/29/2010.**GUID:** {A5863A3B-150C-4403-A6A5-6FACB0C2731E}**Custom Properties**

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public System Architect	Public Interoperate	

UML tool**Type:** Class**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** CombinedUseCases-Community **Keywords:****Detail:** Created on 5/29/2010. Last modified on 5/29/2010.**GUID:** {2C43C547-2774-459d-91F0-F4AE82D7911A}**Custom Properties**

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public UML tool	Public Localize	
Association Source -> Destination	Public UML tool	Public Register Datatypes	
Association Source -> Destination	Public UML tool	Public Import	

XML Mapping**Type:** Class**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** CombinedUseCases-Community **Keywords:****Detail:** *Created on 5/29/2010. Last modified on 5/29/2010.***GUID:** {AA4E40AA-9F99-4807-9F30-77ABE9EE56D9}***Custom Properties***

- isActive = False

Connections

Connector	Source	Target	Notes
Association Source -> Destination	Public Information Modeler	Public XML Mapping	
Association Source -> Destination	Public Information Model Repository	Public XML Mapping	

Information Modeler**Type:** ActivityPartition**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** CombinedUseCases-Community **Keywords:****Detail:** *Created on 5/29/2010. Last modified on 5/29/2010.***GUID:** {A3A233AF-92A3-4401-AE4D-478D462AF051}

Custom Properties

- isDimension = False
- isExternal = False

Signal1

Type:	<u>Signal</u>
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	CombinedUseCases-Community
Detail:	<i>Created on 5/29/2010. Last modified on 5/29/2010.</i>
GUID:	{58258EEE-D955-4ff8-AAD9-B92CF25E1627}

KmServices

Type:	<u>Package</u>
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	DevelopmentModels
Detail:	<i>Created on 5/27/2010. Last modified on 5/29/2010</i>
GUID:	{8263B0BA-3B93-4e5d-83AC-6724D9AE263C}

KmServices - (Logical diagram)

Created By:	Zoran on 5/27/2010
Last Modified:	6/8/2010
Version:	1.0. <i>Locked:</i> False
GUID:	{CBEA3630-FAE7-4534-9AA6-05CEF505D767}

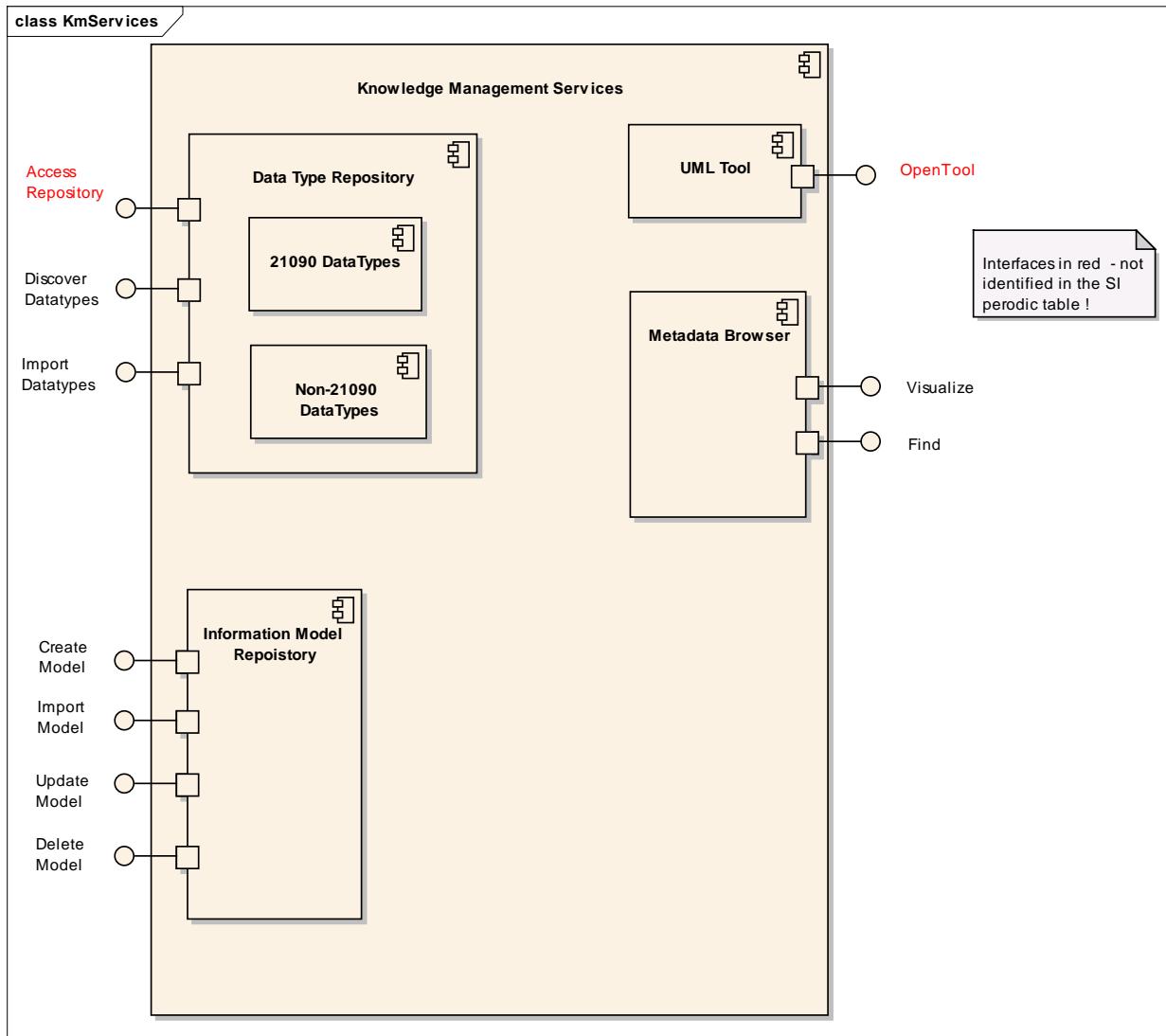


Figure: 3

Knowledge Management Services

Type: Component
Status: Proposed. Version 1.0. Phase 1.0.
Package: KmServices **Keywords:**
Detail: Created on 5/27/2010. Last modified on 5/27/2010.
GUID: {A16D4A59-23C8-48d2-85D5-123DB4945D4F}

Custom Properties

- isIndirectlyInstantiated = True

Data Type Repository

Type: [Component](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: KmServices **Keywords:**
Detail: Created on 5/27/2010. Last modified on 6/8/2010.
GUID: {ABCFD542-EFEA-4f24-A5EF-BA066672B9F5}

Custom Properties

- isIndirectlyInstantiated = True

Connections

Connector	Source	Target	Notes
<u>Sequence</u> Access Source -> Destination	Public UML Tool	Public Data Type Repository	
<u>Sequence</u> Access Source -> Destination	Public Translator Toolkit	Public Data Type Repository	
<u>Sequence</u> Register Source -> Destination	Public UML Tool	Public Data Type Repository	
<u>Sequence</u> ready Source -> Destination	Public Data Type Repository	Public UML Tool	
<u>Sequence</u> Search Source -> Destination	Public Information Modeler	Public Data Type Repository	
<u>Sequence</u> return Source -> Destination	Public Data Type Repository	Public Information Modeler	
<u>Sequence</u> inform Source -> Destination	Public Data Type Repository	Public Information Modeler	
<u>Sequence</u> Import Source -> Destination	Public Information Modeler	Public Data Type Repository	
<u>Sequence</u> import Source -> Destination	Public Data Type Repository	Public UML Tool	

Embedded Elements

Element	Detail	Notes
Port <anonymous>	Version: 1.0	
Port <anonymous>	Version: 1.0	
Port <anonymous>	Version: 1.0	

21090 DataTypes

Type: [Component](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: KmServices [Keywords](#):
Detail: *Created on 5/28/2010. Last modified on 5/28/2010.*
GUID: {383E4C8E-2F49-4145-BBD7-742B7EE6DC93}

Custom Properties

- isIndirectlyInstantiated = True

Non-21090 DataTypes

Type: [Component](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: KmServices [Keywords](#):
Detail: *Created on 5/28/2010. Last modified on 5/28/2010.*
GUID: {C3B94045-69D0-48f0-A1EF-5A15039D552A}

Custom Properties

- isIndirectlyInstantiated = True

Information Model Repository

Type: [Component](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: KmServices [Keywords](#):
Detail: *Created on 5/28/2010. Last modified on 5/29/2010.*
GUID: {B8BCCDB2-5D73-4846-BA0E-6D766C6246EC}

Custom Properties

- isIndirectlyInstantiated = True

Connections

Connector	Source	Target	Notes
<u>Sequence</u> Open	Public	Public	

Connector	Source	Target	Notes
Information Model Source -> Destination	UML Tool	Information Model Repository	
Sequence Create Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence ModelOpened Source -> Destination	Public Information Model Repository	Public UML Tool	
Sequence Access Source -> Destination	Public Translator Toolkit	Public Information Model Repository	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence Registers Source -> Destination	Public Software Engineer	Public Information Model Repository	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repository	

Embedded Elements

Element	Detail	Notes
Port <anonymous>	Version: 1.0	

Metadata Browser

Type:	Component
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	KmServices
Detail:	<i>Created on 5/29/2010. Last modified on 5/29/2010.</i>
GUID:	{69DBB709-A2D1-433c-9124-0535E544D6B5}

Custom Properties

- isIndirectlyInstantiated = True

Connections

Connector	Source	Target	Notes
Sequence Identify systems with 21090 types Source -> Destination	Public System Architect	Public Metadata Browser	

Embedded Elements

Element	Detail	Notes
Port <anonymous>	Version: 1.0	
Port <anonymous>	Version: 1.0	
Port <anonymous>	Version: 1.0	
ProvidedInterface ProvidedInterface1	Version: 1.0	
ProvidedInterface Visualize	Version: 1.0	
ProvidedInterface Visualize	Version: 1.0	
ProvidedInterface Visualize	Version: 1.0	

UML Tool

Type:	Component
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	KmServices
Detail:	<i>Created on 5/28/2010. Last modified on 5/29/2010.</i>
GUID:	{779C6DAF-A28E-476f-B64E-6C3051CB88EB}

Custom Properties

Custom Properties

- isIndirectlyInstantiated = True

Connections

Connector	Source	Target	Notes
Sequence Markup model Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Open Information Model Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Open Tool Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Selects Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Generate XML Schema Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Access Source -> Destination	Public UML Tool	Public Data Type Repository	
Sequence Open Information Model Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence Register Source -> Destination	Public UML Tool	Public Data Type Repository	
Sequence ready Source -> Destination	Public Data Type Repository	Public UML Tool	
Sequence Create Source -> Destination	Public UML Tool	Public Information Model Repository	
Sequence ModelOpened Source -> Destination	Public Information Model Repository	Public UML Tool	
Sequence Specify omitted enumerations Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence ready Source -> Destination	Public UML Tool	Public Information Modeler	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repository	

Connector	Source	Target	Notes
Sequence Specify omitted enumartion values Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repoistory	
Sequence Specify omitted attributes Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repoistory	
Sequence import Source -> Destination	Public Data Type Repository	Public UML Tool	
Sequence Specify omitted classes Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence importedAck Source -> Destination	Public UML Tool	Public Information Modeler	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repoistory	
Sequence Annotates special considerations Source -> Destination	Public Information Modeler	Public UML Tool	
Sequence Update Model Source -> Destination	Public UML Tool	Public Information Model Repoistory	

Embedded Elements

Element	Detail	Notes
Port <anonymous>	Version: 1.0	

Sources

Type: **Package**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: DevelopmentModels

Detail: Created on 5/12/2010. Last modified on 5/12/2010
GUID: {BF52635D-BD69-4030-8549-0EE01C47D4A5}

Sources - (Documentation diagram)

Created By: Administrator on 5/12/2010
Last Modified: 5/12/2010
Version: 1.0. *Locked:* False
GUID: {5EDB7508-83AD-4365-BAC3-4FC11D193355}

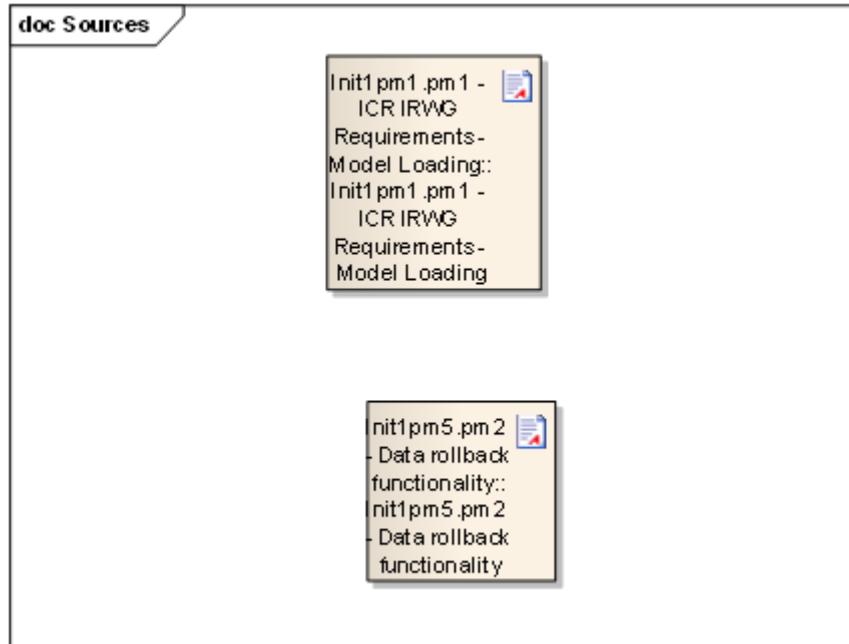


Figure: 4

INIT1SD2.pm7 - CQL 2.0 Enhancements

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Sources
Detail: Created on 5/13/2010. Last modified on 5/13/2010
GUID: {310CB722-8C42-4ba4-8E11-9C50AC5A2CC8}

INIT1SD2.pm7 - CQL 2.0 Enhancements - (Documentation diagram)

Created By: Administrator on 5/13/2010
Last Modified: 5/13/2010
Version: 1.0. *Locked:* False
GUID: {F8A73230-BF22-4c6d-A473-3E8E0C256EA7}

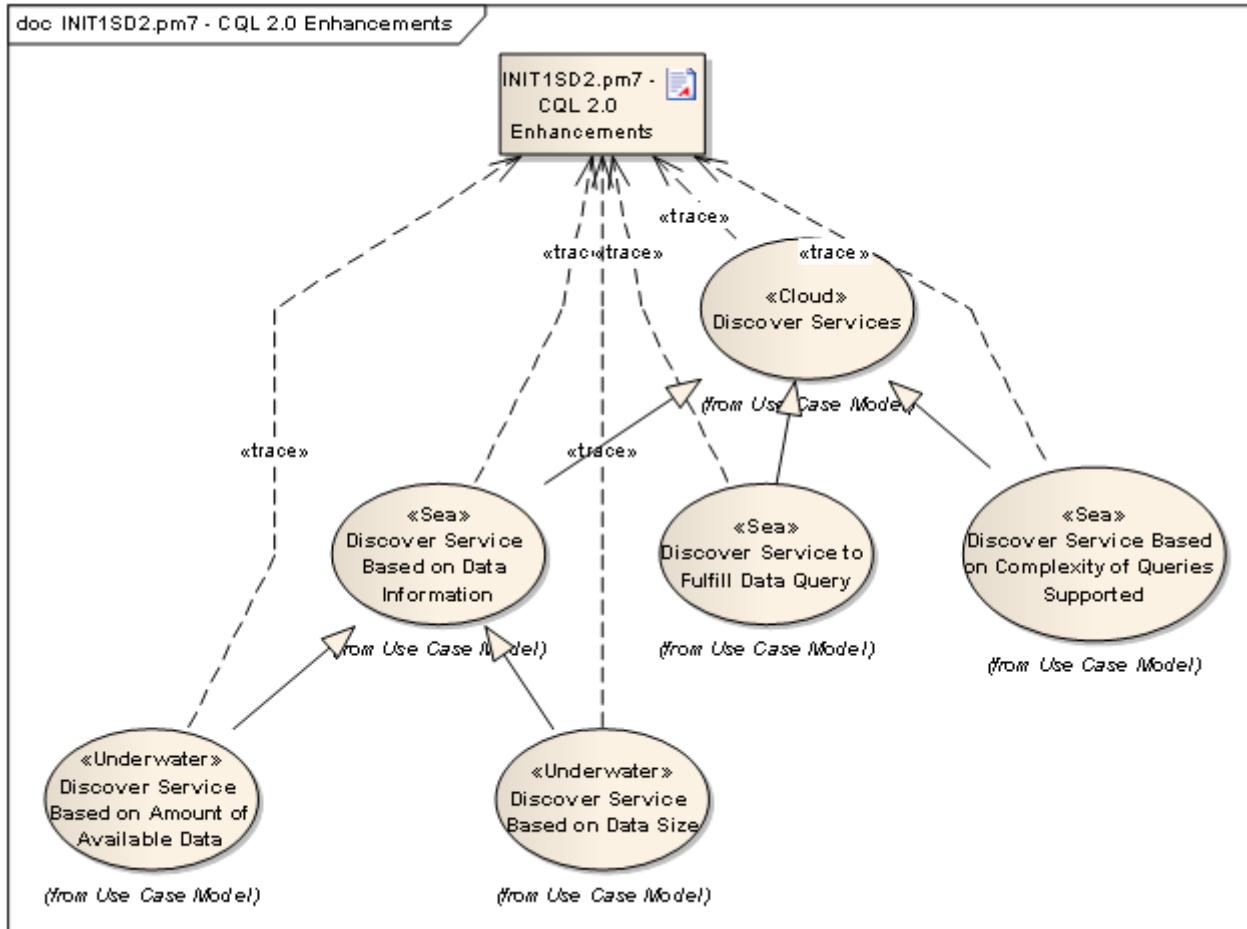


Figure: 5

INIT1SD2.pm7 - CQL 2.0 Enhancements

Type:	Artifact
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	INIT1SD2.pm7 - CQL 2.0 Enhancements
Detail:	<i>Created on 5/13/2010. Last modified on 5/13/2010.</i>
GUID:	{8A871232-255F-4798-B803-071E89B304CC}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/HGRyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Services	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Data Information	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service to Fulfill Data Query	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Data Size	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Amount of Available Data	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	

Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Sources
Detail: Created on 5/13/2010. Last modified on 5/13/2010
GUID: {323717CE-8670-48af-9D28-ADEDF79F4404}

Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid - (Documentation diagram)

Created By: Administrator on 5/13/2010
Last Modified: 5/17/2010
Version: 1.0. **Locked:** False
GUID: {BA970FB0-9758-48be-93EE-93CF9DD20375}

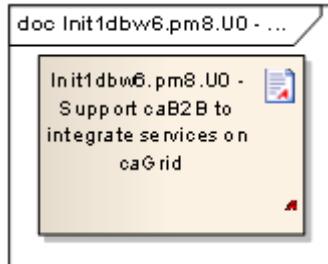


Figure: 6

Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid

Type: [Artifact](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {2C796216-2674-407f-A6EB-84738BB1619E}

[Custom Properties](#)

- fileName =

[Associated Files](#)

- Web Address <https://wiki.nci.nih.gov/x/Y2RyAQ>

Init1hm2.pm6 - Reuse or create new data elements at runtime

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Sources
Detail: *Created on 5/13/2010. Last modified on 5/13/2010*
GUID: {6C2A0290-B206-49ea-8595-9056A20A75AA}

[Init1hm2.pm6 - Reuse or create new data elements at runtime](#) - (Documentation diagram)

Created By: Administrator on 5/13/2010
Last Modified: 5/17/2010
Version: 1.0. *Locked:* False
GUID: {98DA25F7-CDEA-432a-B166-1809755DB605}

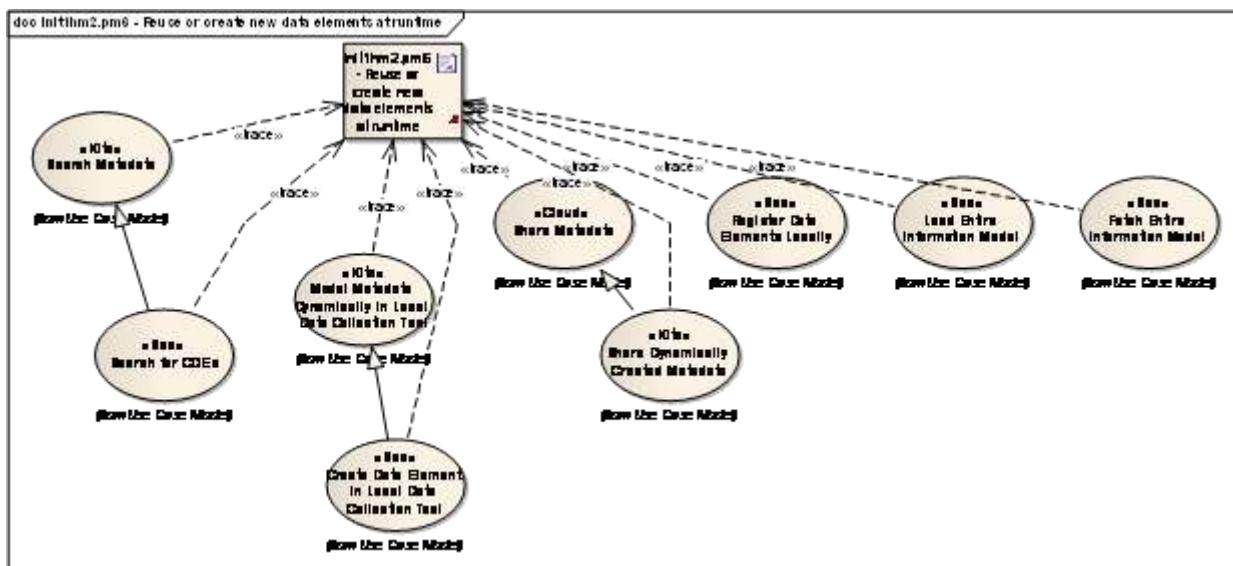


Figure: 7

Init1hm2.pm6 - Reuse or create new data elements at runtime

Type:	Artifact	
Status:	Proposed. Version 1.0. Phase 1.0.	
Package:	Init1hm2.pm6 - Reuse or create new data elements at runtime	Keywords:
Detail:	<i>Created on 5/13/2010. Last modified on 5/17/2010.</i>	
GUID:	{4FF6370A-99A8-43c8-9E90-4507343BFCE6}	

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/t2NyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Search for CDEs	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Create Data Element in Local Data Collection	Public Init1hm2.pm6 - Reuse or create new data	

Connector	Source	Target	Notes
	Tool	elements at runtime	
Trace Source -> Destination	Public Fetch Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Search Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Share Dynamically Created Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Share Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Load Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Register Data Elements Locally	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Init1pm1.pm1 - ICR IRWG Requirements - Model Loading

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Sources
Detail: *Created on 5/12/2010. Last modified on 5/12/2010*
GUID: {6B24EB2B-037E-457f-8C0E-36D6827EBB6D}

Init1pm1.pm1 - ICR IRWG Requirements - Model Loading - (Documentation diagram)

Created By: Administrator on 5/12/2010
Last Modified: 5/13/2010
Version: 1.0. **Locked:** False
GUID: {3817A056-4060-4918-AF09-D4B7BAECC532}

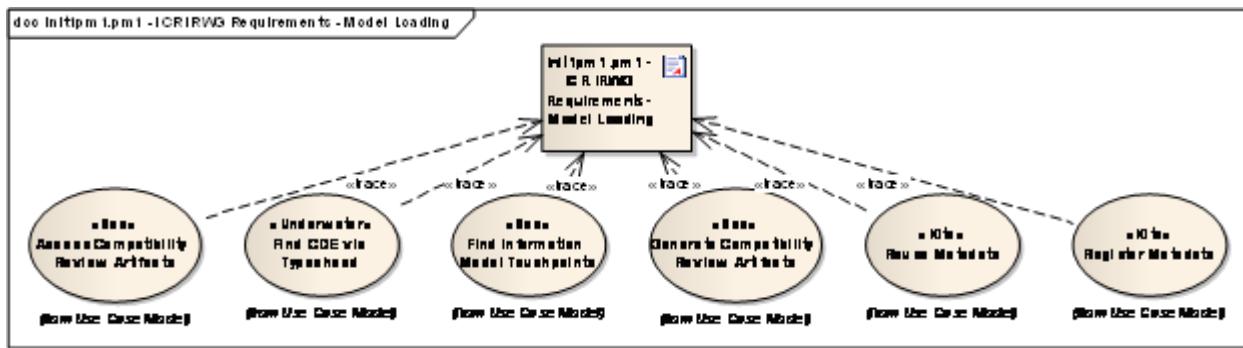


Figure: 8

Init1pm1.pm1 - ICR IRWG Requirements - Model Loading

Type:	Artifact
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Init1pm1.pm1 - ICR IRWG Requirements - Model Loading
Detail:	<i>Created on 5/12/2010. Last modified on 5/12/2010.</i>
GUID:	{F8C62EC0-78F0-4c1d-9BA7-60C0D7B0FE56}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/jBJyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Find Information Model Touchpoints	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Find CDE via Typeahead	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Register Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Compatibility Review Artifacts	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Reuse Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Access Compatibility Review Artifacts	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	

Init1pm11.pm3 - LS DAM refinement and utilization

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Sources
Detail: *Created on 5/12/2010. Last modified on 5/12/2010*
GUID: {B287B7A5-6492-49bc-A6AC-1F709A867F13}

Init1pm11.pm3 - LS DAM refinement and utilization - (Documentation diagram)

Created By: Administrator on 5/12/2010
Last Modified: 5/13/2010
Version: 1.0. Locked: False
GUID: {75D197D3-F3FC-4bb6-84EF-2BC0E9EEAB14}

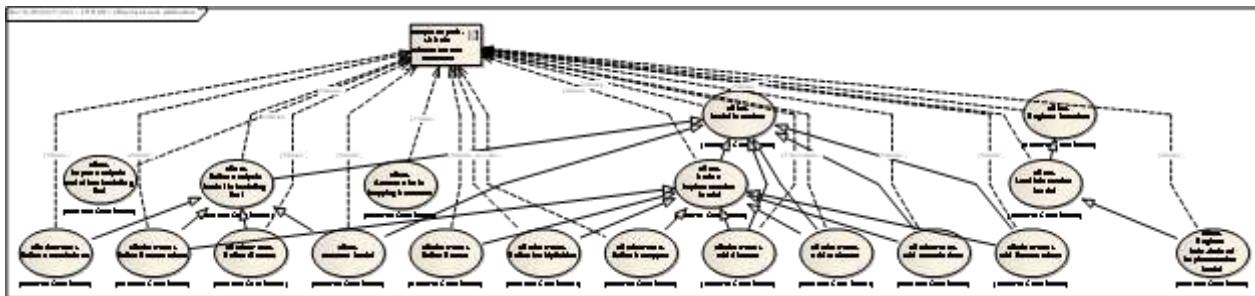


Figure: 9

Init1pm11.pm3 - LS DAM refinement and utilization

Type: Artifact
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1pm11.pm3 - LS DAM refinement and utilization **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {8CE3ACA2-CB31-4813-8A3D-4F7FCBA72C50}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/rqtyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Refine Associations	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Analysis Model in Modeling Tool	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Classes	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Associations	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Register Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Model Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Classes	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Refine Enumerations	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Generate DAM Mapping Document	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Register DAM-derived Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Datatypes	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Attributes	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Enumerations	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Annotate Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Load Information Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Derive Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Names	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Multiplicities	Public Init1pm11.pm3 - LS DAM refinement and	

Connector	Source	Target	Notes
		utilization	

Init1pm16.pm4 - 21090 Datatype Support

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Sources

Detail: Created on 5/12/2010. Last modified on 5/12/2010

GUID: {B5BAD5C6-CE92-4184-9931-B0F16849124B}

Init1pm16.pm4 - 21090 Datatype Support - (Documentation diagram)

Created By: Administrator on 5/12/2010

Last Modified: 5/13/2010

Version: 1.0. *Locked*: False

GUID: {75F8658F-5AD0-4c7e-ABC6-F08041597783}

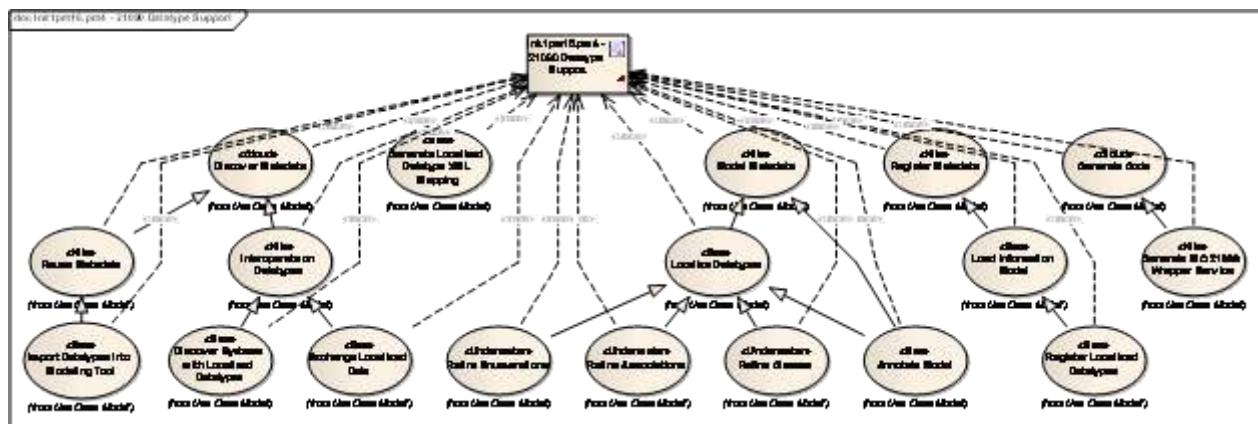


Figure: 10

Init1pm16.pm4 - 21090 Datatype Support

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1pm16.pm4 - 21090 Datatype Support

Keywords:

Detail: Created on 5/12/2010. Last modified on 5/12/2010.

GUID: {2FDB831F-8B0C-4ee7-80BE-3E83C3287431}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/IQhyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Refine Associations	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate Code	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Localize Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Exchange Localized Data	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Import Datatypes into Modeling Tool	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Refine Classes	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Annotate Model	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Discover Systems with Localized Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Refine Enumerations	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Interoperate on Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Register Localized Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Register Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate Localized Datatype XML Mapping	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Load Information Model	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Model Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Reuse Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	

Init1pm5.pm2 - Data rollback functionality

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Sources
Detail: *Created on 5/12/2010. Last modified on 5/12/2010*
GUID: {8BADD4E5-2E1F-4a40-96EE-AEA35D116C38}

Init1pm5.pm2 - Data rollback functionality - (Documentation diagram)

Created By: Administrator on 5/12/2010
Last Modified: 5/13/2010
Version: 1.0. **Locked:** False
GUID: {19C21D6B-268D-42a8-8AAF-DE3EC03ADADD}

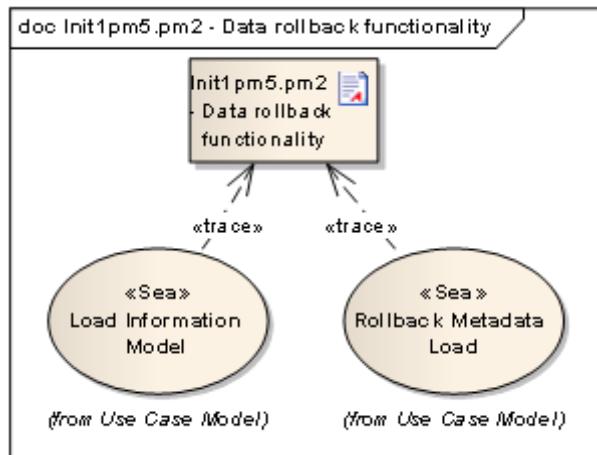


Figure: 11

Init1pm5.pm2 - Data rollback functionality

Type:	Artifact
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Init1pm5.pm2 - Data rollback functionality
Detail:	<i>Created on 5/12/2010. Last modified on 5/12/2010.</i>
GUID:	{1D2684AD-8BEF-4c09-ADB1-B2362EE7E699}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/oxJyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Rollback Metadata Load	Public Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Remove Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Load Information Model	Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Register Metadata	Public Init1pm5.pm2 - Data rollback functionality	

Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Sources

Detail: *Created on 5/12/2010. Last modified on 5/12/2010*

GUID: {0BA0D3B5-8FF8-4c0c-8A73-607E406990FF}

Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models - (*Documentation diagram*)

Created By: Administrator on 5/12/2010

Last Modified: 5/13/2010

Version: 1.0. *Locked:* False

GUID: {6BC0EE42-ABA9-4d39-BE35-95AFED1F9E6F}

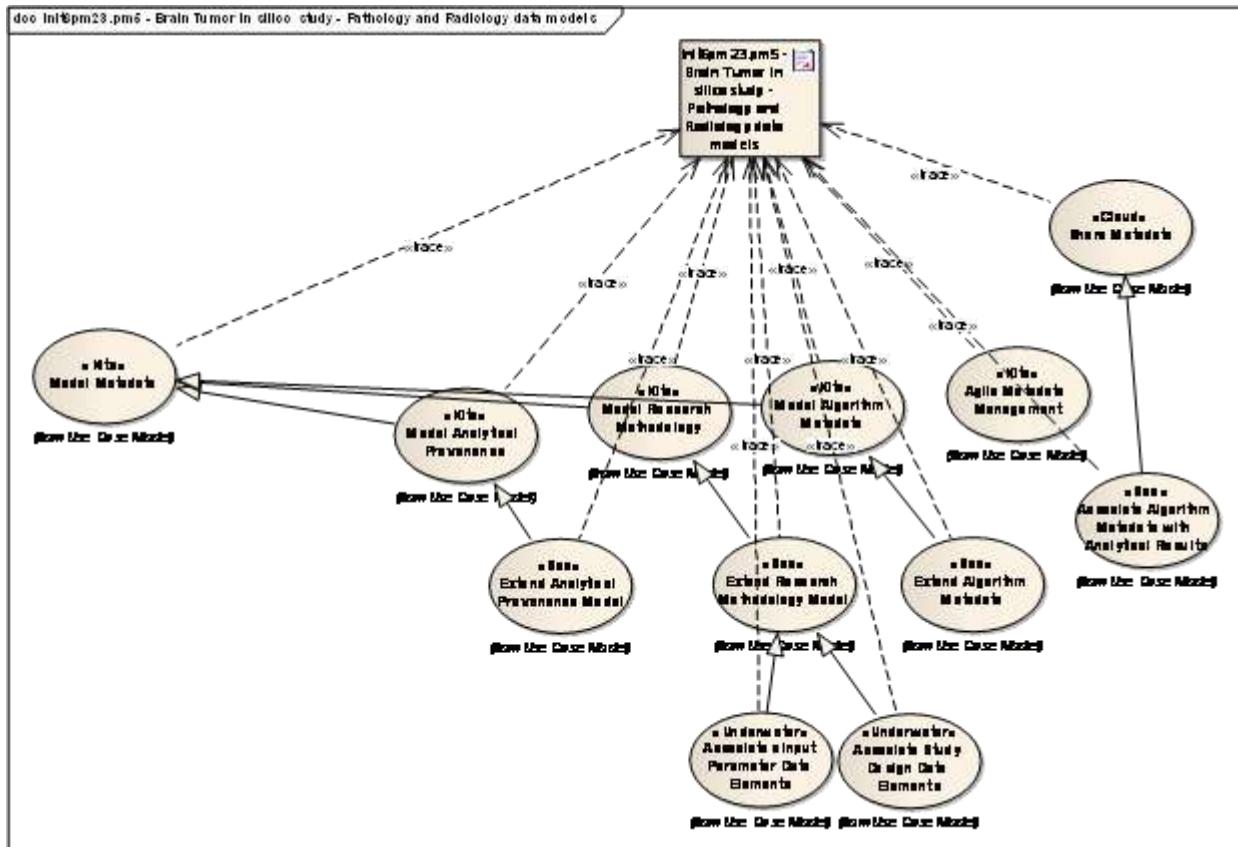


Figure: 12

Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models

Type: [Artifact](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models
Keywords:
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {3CAF1EB8-2B57-4e10-9DD0-6846F3BE71F1}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/3wpyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Associate Study Design Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Analytical Provenance	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Research Methodology Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Associates Input Parameter Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Share Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Model Research Methodology	Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Agile Metadata Management	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Analytical Provenance Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

TxServices

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: DevelopmentModels
Detail: *Created on 5/29/2010. Last modified on 5/29/2010*
GUID: {66C27548-1376-4af8-8AAE-3DF91AFFD87C}

TxServices - (Component diagram)

Created By: Zoran on 5/29/2010
Last Modified: 5/29/2010
Version: 1.0. **Locked:** False
GUID: {22FA011D-56B6-4676-A3F1-B5C51FF5CD94}

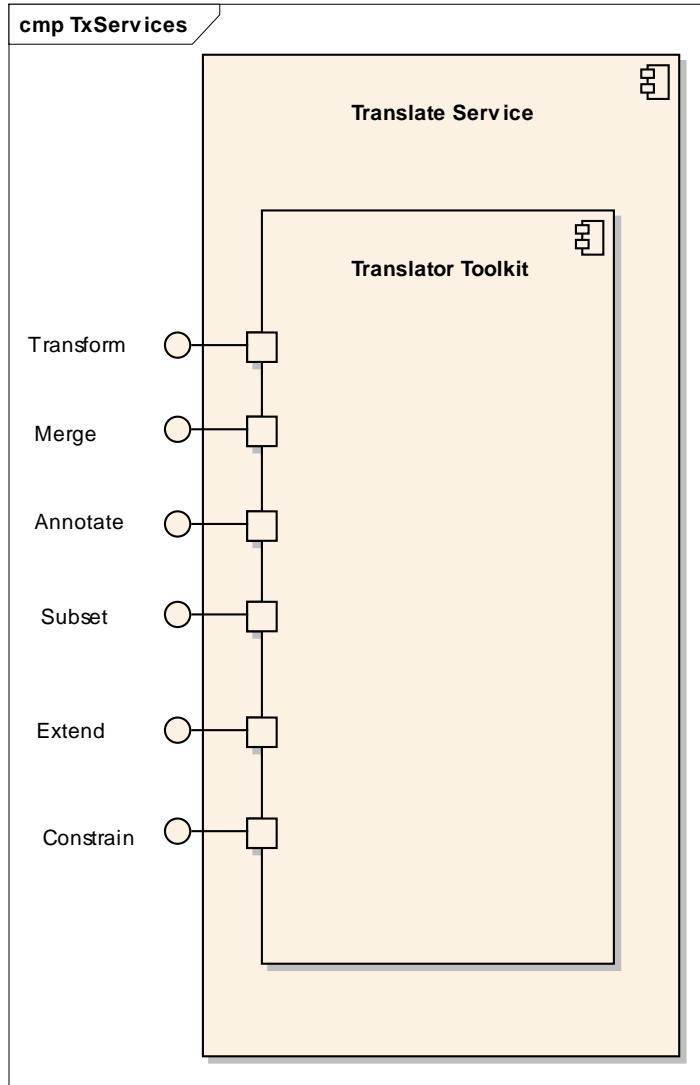


Figure: 13

Translate Service

Type:	<u>Component</u>
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	TxServices
Detail:	<i>Created on 5/29/2010. Last modified on 5/29/2010.</i>
GUID:	{DB5F437D-E347-4110-8796-D82811791A75}

Custom Properties

- isIndirectlyInstantiated = True

Translator Toolkit

Type:	<u>Component</u>
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	TxServices <i>Keywords:</i>
Detail:	<i>Created on 5/29/2010. Last modified on 5/29/2010.</i>
GUID:	{F7179C6F-0390-42f3-859B-564BE5350014}

Custom Properties

- `isIndirectlyInstantiated = True`

Connections

Connector	Source	Target	Notes
<u>Sequence</u> Open Tool Source -> Destination	Public Software Engineer	Public Translator Toolkit	
<u>Sequence</u> Access Source -> Destination	Public Translator Toolkit	Public Data Type Repository	
<u>Sequence</u> Access Source -> Destination	Public Translator Toolkit	Public Information Model Repository	
<u>Sequence</u> ready Source -> Destination	Public Translator Toolkit	Public Software Engineer	
<u>Sequence</u> Create Mapping to 21090 Source -> Destination	Public Software Engineer	Public Translator Toolkit	

Embedded Elements

VaServices

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: DevelopmentModels
Detail: *Created on 5/29/2010. Last modified on 5/30/2010.*
GUID: {16A3A0D1-C10B-4f0a-B7BA-5AF22EE33925}

VaServices - (Component diagram)

Created By: Zoran on 5/30/2010
Last Modified: 5/30/2010
Version: 1.0. **Locked:** False
GUID: {F4BBE9B7-7E76-43fe-A555-81910540C521}

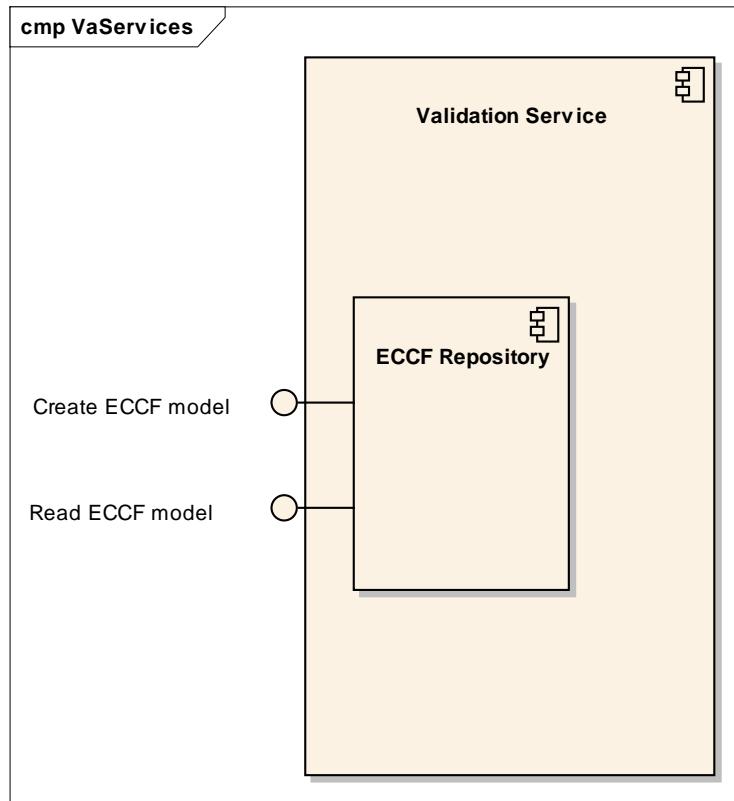


Figure: 14

Validation Service

Type: **Component**
Status: Proposed. Version 1.0. Phase 1.0.
Package: VaServices **Keywords:**
Detail: *Created on 5/30/2010. Last modified on 5/30/2010.*
GUID: {D35C16E7-5B95-46f9-B287-D0202B81AC8C}

Custom Properties

- isIndirectlyInstantiated = True

ECCF Repository

Type: Component
Status: Proposed. Version 1.0. Phase 1.0.
Package: VaServices **Keywords:**
Detail: *Created on 5/29/2010. Last modified on 5/30/2010.*
GUID: {4112AFD6-66EA-4b40-BA31-60D5E04DCF75}

Custom Properties

- isIndirectlyInstantiated = True

Connections

Connector	Source	Target	Notes
<u>Sequence</u> Documents Source -> Destination	Public System Architect	Public ECCF Repository	
<u>Sequence</u> Reads Source -> Destination	Public Software Engineer	Public ECCF Repository	

Embedded Elements

Element	Detail	Notes
ProvidedInterface Create ECCF model	Version: 1.0	
ProvidedInterface Read ECCF model	Version: 1.0	

VaServices

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: DevelopmentModels
Detail: *Created on 5/30/2010. Last modified on 5/30/2010*
GUID: {EC19B01A-1399-40b3-BA9C-9874EC8337D7}

Use Case Model

Type: Package
Status: Proposed. Version . Phase 1.0.

Package: DevelopmentModels
Detail: Created on 5/12/2010. Last modified on 5/12/2010
GUID: {B3CC482B-9780-47ef-8FB7-AC4AB6177BBF}

Use Case Model - (*Use Case diagram*)
Created By: Administrator on 11/19/2005
Last Modified: 5/17/2010
Version: 1.0. *Locked:* False
GUID: {894C768C-32E4-4f3e-90F1-096A184C55AE}

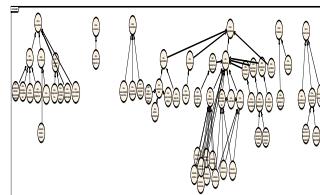


Figure: 15

Access Compatibility Review Artifacts

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {924A84D8-F883-4b68-AADC-687577660A25}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Access Compatibility Review Artifacts	Public Discover Metadata	
Trace Source -> Destination	Public Access Compatibility Review Artifacts	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Association Unspecified	Public Compatibility Reviewer	Public Access Compatibility Review Artifacts	

Add Associations

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*

Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {550360B2-AA38-4e6a-9DAC-B95DF31B4968}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Add Associations	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Associations	Public Model Metadata	
Trace Source -> Destination	Public Add Associations	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Add Attributes

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {A686F949-DED6-46c3-91FE-9A1273A35D1C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Add Attributes	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Attributes	Public Model Metadata	
Trace Source -> Destination	Public Add Attributes	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Add Classes

Type: UseCase

Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {3CECF448-7FD6-4274-B243-503E5696F169}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Add Classes	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Classes	Public Model Metadata	
Trace Source -> Destination	Public Add Classes	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Add Enumerations

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {18C89496-A686-46e4-879F-33953F2C14B8}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Add Enumerations	Public Model Metadata	
Generalization Source -> Destination	Public Add Enumerations	Public Derive Implementation Model	
Trace Source -> Destination	Public Add Enumerations	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Agile Metadata Management

Type:	UseCase
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Use Case Model
Detail:	<i>Created on 5/12/2010. Last modified on 5/12/2010.</i>
GUID:	{38CC4DF0-8373-4eec-810E-A64144040367}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Agile Metadata Management	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Agile Metadata Management	Public Manage Metadata	

Annotate Model

Type:	UseCase
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Use Case Model
Detail:	<i>Created on 5/12/2010. Last modified on 5/12/2010.</i>
GUID:	{A5C1A580-2B48-44f4-970E-05F2E5F8DE23}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Annotate Model	Public Refine Analysis Model in Modeling Tool	
Generalization Source -> Destination	Public Annotate Model	Public Localize Datatypes	
Generalization Source -> Destination	Public Annotate Model	Public Model Metadata	
Trace Source -> Destination	Public Annotate Model	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Annotate Model	Public Init1pm11.pm3 - LS DAM refinement and	

Connector	Source	Target	Notes
		utilization	

Associate Algorithm Metadata with Analytical Results

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {7D06C80F-720B-4614-93B2-8EEAD8C9FD2A}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Share Metadata	

Associate Study Design Data Elements

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {2251C34B-5E24-40ba-BCC9-42C36DE972BB}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Associate Study Design Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Associate Study Design	Public Extend Research	

Connector	Source	Target	Notes
	Data Elements	Methodology Model	

Associates Input Parameter Data Elements

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {13AB034F-9CBF-4b95-9039-6535AEF1B5E8}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Associates Input Parameter Data Elements	Public Extend Research Methodology Model	
Trace Source -> Destination	Public Associates Input Parameter Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

Create Data Element in Local Data Collection Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {709D7B80-CE19-4c29-8146-577AFD0EF76C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create Data Element in Local Data Collection Tool	Public Model Metadata Dynamically in Local Data Collection Tool	
Trace Source -> Destination	Public Create Data Element in Local Data Collection	Public Init1hm2.pm6 - Reuse or create new data	

Connector	Source	Target	Notes
	Tool	elements at runtime	

Derive Implementation Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {6F66D780-D8E5-4f57-9570-3157377174D9}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Names	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Enumerations	Public Derive Implementation Model	
Generalization Source -> Destination	Public Refine Multiplicities	Public Derive Implementation Model	
Generalization Source -> Destination	Public Refine Enumerations	Public Derive Implementation Model	
Generalization Source -> Destination	Public Refine Datatypes	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Attributes	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Classes	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Associations	Public Derive Implementation Model	
Generalization Source -> Destination	Public Derive Implementation Model	Public Model Metadata	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Derive Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Discover Metadata

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {013B0E34-280A-4a52-A5BD-03098C56F88F}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Find Information Model Touchpoints	Public Discover Metadata	
Generalization Source -> Destination	Public Reuse Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Access Compatibility Review Artifacts	Public Discover Metadata	
Generalization Source -> Destination	Public Interoperate on Datatypes	Public Discover Metadata	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	

Discover Service Based on Amount of Available Data

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {4CB73D4D-0E0F-4d97-87E5-6F30142FB2C2}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Amount of Available Data	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Amount of Available Data	Public Discover Service Based on Data Information	

Discover Service Based on Complexity of Queries Supported

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {5EC62E02-DF44-4cc8-AA45-DFAEB0D7D289}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public Discover Services	

Discover Service Based on Data Information

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {E9DCDCBA-88F9-466e-A32C-83C91E2E323B}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Data Information	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Data Information	Public Discover Services	
Generalization Source -> Destination	Public Discover Service Based on Data Size	Public Discover Service Based on Data Information	
Generalization Source -> Destination	Public Discover Service Based on Amount of Available Data	Public Discover Service Based on Data Information	

Discover Service Based on Data Size

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {5E07D5B0-5F25-49d0-BE0B-D4EC6229F91C}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Data Size	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Data Size	Public Discover Service Based on Data Information	

Discover Service to Fulfill Data Query

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {CFD65DDC-2C08-4e86-9350-B74381D69B4D}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service to Fulfill Data Query	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service to Fulfill Data Query	Public Discover Services	

Discover Services**Type:** UseCase**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model **Keywords:****Detail:** Created on 5/13/2010. Last modified on 5/13/2010.**GUID:** {834DE1DE-9505-4008-8399-6170F4FCEE06}**Connections**

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Services	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public Discover Services	
Generalization Source -> Destination	Public Discover Service to Fulfill Data Query	Public Discover Services	
Generalization Source -> Destination	Public Discover Service Based on Data Information	Public Discover Services	

Discover Systems with Localized Datatypes**Type:** UseCase**Status:** Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model *Keywords:*
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {B3E43463-0467-4e10-979B-6EDE23C6B41B}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Systems with Localized Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Discover Systems with Localized Datatypes	Public Interoperate on Datatypes	

Exchange Localized Data

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {98A2F8B5-00A2-4e3f-847D-D0D22D8284B4}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Exchange Localized Data	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Exchange Localized Data	Public Interoperate on Datatypes	

Extend Algorithm Metadata

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {E1411242-7AFE-41e4-84C9-B71BA63B709C}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Extend Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Extend Algorithm Metadata	Public Model Algorithm Metadata	

Extend Analytical Provenance Model

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 GUID: {C5E2A2E9-1B95-45f1-9CA5-105D1EA86698}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Extend Analytical Provenance Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Extend Analytical Provenance Model	Public Model Analytical Provenance	

Extend Research Methodology Model

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 GUID: {26439207-1464-4810-96DB-21B94C5C4423}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Associates Input Parameter Data Elements	Public Extend Research Methodology Model	
Generalization Source -> Destination	Public Associate Study Design Data Elements	Public Extend Research Methodology Model	
Trace Source -> Destination	Public Extend Research Methodology Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Extend Research Methodology Model	Public Model Research Methodology	

Fetch Entire Information Model

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
 GUID: {75C06B54-6AE2-4e16-8C1A-0DB8FA97D690}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Fetch Entire Information Model	Public Reuse Metadata	
Trace Source -> Destination	Public Fetch Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Find CDE via Typeahead

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*

GUID: {11F4CCE8-51FE-4a84-869B-049DED5F49C1}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Find CDE via Typeahead	Public Search Metadata	
Trace Source -> Destination	Public Find CDE via Typeahead	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	

Find Information Model Touchpoints

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {649C42E2-6983-4302-878A-EEEF28FE53C6}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Find Information Model Touchpoints	Public Discover Metadata	
Trace Source -> Destination	Public Find Information Model Touchpoints	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	

Generate Code

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {3D917B82-5955-4782-B2F4-4CF5683C7EEA}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Generate Code	
Trace Source -> Destination	Public Generate Code	Public Init1pm16.pm4 - 21090 Datatype Support	

Generate Compatibility Review Artifacts

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {E0E6493B-76D9-435d-9555-CDD80419E7A7}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Compatibility Review Artifacts	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Generate Compatibility Review Artifacts	Public Transform Metadata	
Association Unspecified	Public Information Modeler	Public Generate Compatibility Review Artifacts	

Generate DAM Mapping Document

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {C24A64EB-AB20-4e27-9AF5-50385E523870}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate DAM Mapping Document	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Generate DAM Mapping Document	Public Transform Metadata	

Generate ISO 21090 Wrapper Service

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 G UID: {1E51FE96-7FFD-4c4d-8095-BBF3FD356BDD}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Generate Code	
Trace Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Init1pm16.pm4 - 21090 Datatype Support	

Generate Localized Datatype XML Mapping

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 G UID: {F589FC99-14B6-4897-8B38-896A18735DC6}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Localized	Public Init1pm16.pm4 - 21090	

Connector	Source	Target	Notes
	Datatype XML Mapping	Datatype Support	
Generalization Source -> Destination	Public Generate Localized Datatype XML Mapping	Public Transform Metadata	

Import Analysis Model into Modeling Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {7BA51163-8214-468d-8D9B-316FBDA7CD47}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Reuse Metadata	
Trace Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Import Datatypes into Modeling Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {1CB43DC5-689A-4f55-94FE-78DB32A29617}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Import Datatypes into Modeling Tool	Public Reuse Metadata	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Import Datatypes into Modeling Tool	Public Init1pm16.pm4 - 21090 Datatype Support	

Interoperate on Datatypes

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {FF9CDB6E-520D-4cb2-BF1B-79067EE8D6C3}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Interoperate on Datatypes	Public Discover Metadata	
Trace Source -> Destination	Public Interoperate on Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Exchange Localized Data	Public Interoperate on Datatypes	
Generalization Source -> Destination	Public Discover Systems with Localized Datatypes	Public Interoperate on Datatypes	

Load Entire Information Model

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {4B0196CE-F44E-4847-A936-C4A21B575B4D}

Connections

Connector	Source	Target	Notes
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Load Entire Information Model	Load Information Model	
Trace Source -> Destination	Public Load Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Load Information Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {E38CBE5C-249C-4a13-8BFB-B4FB129E76A9}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Register Localized Datatypes	Public Load Information Model	
Trace Source -> Destination	Public Load Information Model	Public Init1pm5.pm2 - Data rollback functionality	
Generalization Source -> Destination	Public Load Entire Information Model	Public Load Information Model	
Trace Source -> Destination	Public Load Information Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Load Information Model	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Load Information Model	Public Register Metadata	
Generalization Source -> Destination	Public Register DAM-derived Implementation Model	Public Load Information Model	

Localize Datatypes

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {343F14B1-EFD1-4482-85FF-7851B5DC4326}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Localize Datatypes	Public Model Metadata	
Generalization Source -> Destination	Public Annotate Model	Public Localize Datatypes	
Generalization Source -> Destination	Public Refine Associations	Public Localize Datatypes	
Generalization Source -> Destination	Public Refine Classes	Public Localize Datatypes	
Generalization Source -> Destination	Public Refine Enumerations	Public Localize Datatypes	
Trace Source -> Destination	Public Localize Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	

Manage Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {85BC66A6-239C-4af1-8CAB-10D1A0D0EABC}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Metadata	Public Init1pm5.pm2 - Data rollback functionality	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Remove Metadata	Public Manage Metadata	
Generalization Source -> Destination	Public Register Metadata	Public Manage Metadata	
Generalization Source -> Destination	Public Agile Metadata Management	Public Manage Metadata	
Generalization Source -> Destination	Public Model Metadata	Public Manage Metadata	

Model Algorithm Metadata

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 GUID: {959205E6-B10F-4947-AC06-8DA8D9F68A02}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Model Algorithm Metadata	Public Model Metadata	
Generalization Source -> Destination	Public Extend Algorithm Metadata	Public Model Algorithm Metadata	

Model Analytical Provenance

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 GUID: {689ED96C-FB34-4f32-87F0-796F71DD5599}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Analytical Provenance	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Extend Analytical Provenance Model	Public Model Analytical Provenance	
Generalization Source -> Destination	Public Model Analytical Provenance	Public Model Metadata	

Model Metadata

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {42443130-6879-4ce8-892B-B7AF12D890EF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Model Metadata	
Generalization Source -> Destination	Public Add Enumerations	Public Model Metadata	
Generalization Source -> Destination	Public Localize Datatypes	Public Model Metadata	
Trace Source -> Destination	Public Model Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Model Algorithm	Public Model Metadata	

Connector	Source	Target	Notes
	Metadata		
Generalization Source -> Destination	Public Add Classes	Public Model Metadata	
Generalization Source -> Destination	Public Derive Implementation Model	Public Model Metadata	
Generalization Source -> Destination	Public Model Research Methodology	Public Model Metadata	
Generalization Source -> Destination	Public Refine Analysis Model in Modeling Tool	Public Model Metadata	
Generalization Source -> Destination	Public Annotate Model	Public Model Metadata	
Generalization Source -> Destination	Public Add Attributes	Public Model Metadata	
Generalization Source -> Destination	Public Add Associations	Public Model Metadata	
Generalization Source -> Destination	Public Model Analytical Provenance	Public Model Metadata	
Generalization Source -> Destination	Public Model Metadata	Public Manage Metadata	
Trace Source -> Destination	Public Model Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Model Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	

Model Metadata Dynamically in Local Data Collection Tool

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model **Keywords:**

Detail: Created on 5/13/2010. Last modified on 5/13/2010.

GUID: {171CA6E3-D046-4ceb-B410-B27AE11E7089}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Model Metadata	
Generalization Source -> Destination	Public Create Data Element in Local Data Collection Tool	Public Model Metadata Dynamically in Local Data Collection Tool	
Trace Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Model Research Methodology**Type:** UseCase**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model **Keywords:****Detail:** Created on 5/12/2010. Last modified on 5/12/2010.**GUID:** {6325A084-773A-41f9-81B8-E74E55549B17}**Connections**

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Research Methodology	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Extend Research Methodology Model	Public Model Research Methodology	
Generalization Source -> Destination	Public Model Research Methodology	Public Model Metadata	

Refine Analysis Model in Modeling Tool**Type:** UseCase

Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {8C4D2F75-CCDC-4e67-A059-81464FC28A07}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Classes	Public Refine Analysis Model in Modeling Tool	
Generalization Source -> Destination	Public Annotate Model	Public Refine Analysis Model in Modeling Tool	
Generalization Source -> Destination	Public Refine Associations	Public Refine Analysis Model in Modeling Tool	
Generalization Source -> Destination	Public Refine Analysis Model in Modeling Tool	Public Model Metadata	
Trace Source -> Destination	Public Refine Analysis Model in Modeling Tool	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Refine Enumerations	Public Refine Analysis Model in Modeling Tool	

Refine Associations

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {DA3D451D-8856-4b4f-945F-1BD29C1A7625}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Associations	Public Refine Analysis Model in Modeling Tool	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Associations	Public Localize Datatypes	
Trace Source -> Destination	Public Refine Associations	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Associations	Public Init1pm16.pm4 - 21090 Datatype Support	

Refine Classes

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 GUID: {ABA02A29-09B9-4d18-94E9-23D9DA6B4CAF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Classes	Public Refine Analysis Model in Modeling Tool	
Generalization Source -> Destination	Public Refine Classes	Public Localize Datatypes	
Trace Source -> Destination	Public Refine Classes	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Refine Classes	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Datatypes

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.

GUID: {4B3F1051-4CB1-4ba9-A46D-179DDF347A9F}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Datatypes	Public Derive Implementation Model	
Trace Source -> Destination	Public Refine Datatypes	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Enumerations

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {A3D5F96A-3FFA-4f80-A925-BBB9E89D1469}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Enumerations	Public Derive Implementation Model	
Generalization Source -> Destination	Public Refine Enumerations	Public Localize Datatypes	
Trace Source -> Destination	Public Refine Enumerations	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Refine Enumerations	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Refine Enumerations	Public Refine Analysis Model in Modeling Tool	

Refine Multiplicities

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {6B5671A1-C274-4376-A42A-08C6159FB646}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Multiplicities	Public Derive Implementation Model	
Trace Source -> Destination	Public Refine Multiplicities	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Names

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {001F7B2D-0568-47b3-8AEF-99B58E63A5A0}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Names	Public Derive Implementation Model	
Trace Source -> Destination	Public Refine Names	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Register DAM-derived Implementation Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**

Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {DF558A61-78CB-4047-AE22-F5F7A233E167}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Register DAM-derived Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Register DAM-derived Implementation Model	Public Load Information Model	

Register Data Elements Locally

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 5/13/2010. Last modified on 5/13/2010.
GUID: {AD29CB77-96EB-4b3c-9AE9-A369DE7C7311}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Register Data Elements Locally	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Register Data Elements Locally	Public Register Metadata	

Register Localized Datatypes

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 5/12/2010. Last modified on 5/12/2010.
GUID: {0B95A749-5652-4b0b-9598-C3D449F6610B}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Register Localized Datatypes	Public Load Information Model	
Trace Source -> Destination	Public Register Localized Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	

Register Metadata

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {C68FAB92-AF9C-4917-99F3-60CFD3007364}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Register Metadata	Public Manage Metadata	
Trace Source -> Destination	Public Register Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Register Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Register Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Register Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Register Data Elements Locally	Public Register Metadata	
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Load Information Model	Register Metadata	

Remove Metadata

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model
 Keywords:
 Detail: Created on 5/12/2010. Last modified on 5/12/2010.
 GUID: {F419AF2E-6F12-4960-9202-825D02F81691}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Remove Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Generalization Source -> Destination	Public Remove Metadata	Public Manage Metadata	
Generalization Source -> Destination	Public Rollback Metadata Load	Public Remove Metadata	

Reuse Dynamically Created Data Elements from Data Collection Tool

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model
 Keywords:
 Detail: Created on 5/13/2010. Last modified on 5/13/2010.
 GUID: {B1C9DDD9-CAD6-4b02-8DBB-6DC53A1979EF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Reuse Dynamically Created Data Elements from Data Collection Tool	Public Reuse Metadata	

Reuse Metadata

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {71B18367-F2AE-4dae-BA90-DAAE719E49F9}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Reuse Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Import Datatypes into Modeling Tool	Public Reuse Metadata	
Generalization Source -> Destination	Public Reuse Dynamically Created Data Elements from Data Collection Tool	Public Reuse Metadata	
Generalization Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Reuse Metadata	
Generalization Source -> Destination	Public Fetch Entire Information Model	Public Reuse Metadata	
Trace Source -> Destination	Public Reuse Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Reuse Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	

Rollback Metadata Load

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {446D0EBA-C50D-460f-9478-2C0F557DB861}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Rollback Metadata Load	Public Init1pm5.pm2 - Data rollback functionality	
Generalization Source -> Destination	Public Rollback Metadata Load	Public Remove Metadata	

Search Metadata

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
 GUID: {F9B3B0C5-F5D1-4dd8-9926-2A87CFBCB54F}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Find CDE via Typeahead	Public Search Metadata	
Generalization Source -> Destination	Public Search for CDEs	Public Search Metadata	
Trace Source -> Destination	Public Search Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Search for CDEs

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*

GUID: {5E669F6E-7EE3-4476-A199-6A2C0F01C1D7}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search for CDEs	Public Search Metadata	
Trace Source -> Destination	Public Search for CDEs	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Share Dynamically Created Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/13/2010. Last modified on 5/13/2010.*
GUID: {3218DC7B-7C55-4d9b-A706-70A3A456194A}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share Dynamically Created Metadata	Public Share Metadata	
Trace Source -> Destination	Public Share Dynamically Created Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Share Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {B290E92D-140E-4065-AB5A-A625FF24EACE}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share Dynamically Created Metadata	Public Share Metadata	
Trace Source -> Destination	Public Share Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Generalization Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Share Metadata	
Trace Source -> Destination	Public Share Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Transform Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {D2E7AF69-0BB3-4942-A0CB-F61CD91386DB}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate DAM Mapping Document	Public Transform Metadata	
Generalization Source -> Destination	Public Generate Compatibility Review Artifacts	Public Transform Metadata	
Generalization Source -> Destination	Public Generate Localized Datatype XML Mapping	Public Transform Metadata	

Actors

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model
Detail: *Created on 11/19/2005. Last modified on 11/19/2005*
GUID: {A6CBA217-0EAA-40ee-AE5A-505B41FD4EC8}

Actors - (Use Case diagram)

Created By: Administrator on 11/19/2005
Last Modified: 5/12/2010
Version: 1.0. [Locked](#): False
GUID: {7E059CE3-872B-44bf-93D5-F825B9DFDB39}

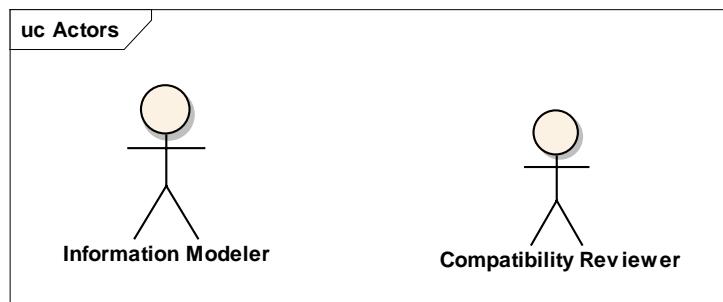


Figure: 16

Compatibility Reviewer

Type: [Actor](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Actors [Keywords](#):
Detail: *Created on 5/12/2010. Last modified on 5/12/2010.*
GUID: {76EA267B-87B7-4833-8C25-377C65A99B18}

Connections

Connector	Source	Target	Notes
<u>Association</u> Unspecified	Public Compatibility Reviewer	Public Access Compatibility Review Artifacts	

Information Modeler

Type: [Actor](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Actors [Keywords](#):
Detail: *Created on 11/19/2005. Last modified on 5/12/2010.*
GUID: {613276A2-001F-4acb-8D85-D366D899170E}

Connections

Connector	Source	Target	Notes
Association Unspecified	Public Information Modeler	Public Generate Compatibility Review Artifacts	

Traceability Model

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Model

Detail: *Created on 6/7/2010. Last modified on 6/7/2010*

GUID: {86BBE7E9-E82A-46b7-86E1-B7CCC8127B62}

Traceability Model - (Documentation diagram)

Created By: Administrator on 6/7/2010

Last Modified: 6/14/2010

Version: 1.0. **Locked:** False

GUID: {DA536AF3-9FAA-4810-B7AC-3442674A1F10}

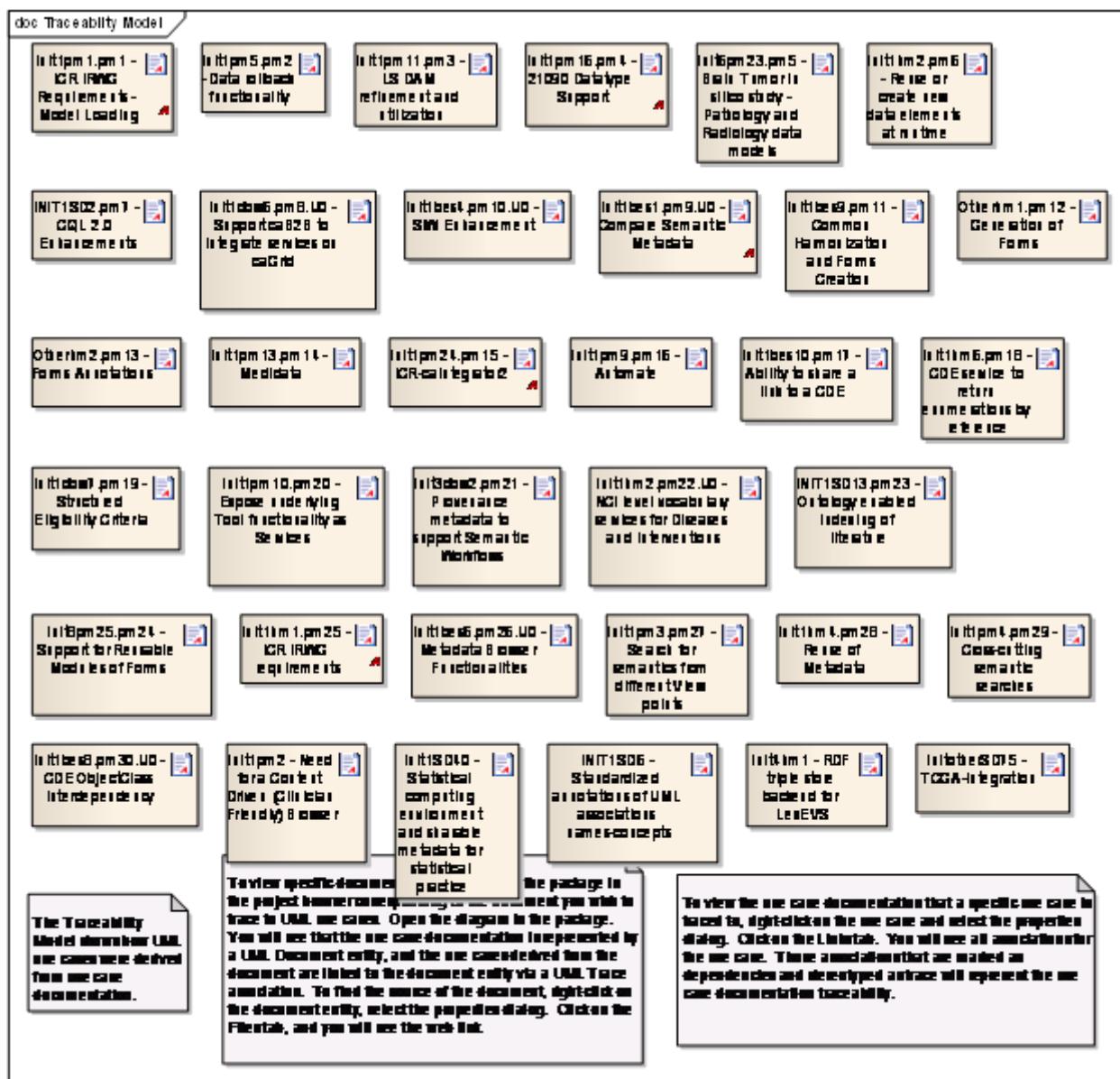


Figure: 17

INIT1SD13.pm23 - Ontology enabled indexing of literature

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceability Model

Detail: Created on 6/9/2010. Last modified on 6/9/2010

GUID: {B4271A6D-7AC9-4a45-9692-8353175411C4}

INIT1SD13.pm23 - Ontology enabled indexing of literature - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/9/2010

Version: 1.0. *Locked:* False
GUID: {A4728044-1810-462e-B1AE-247C85331C75}

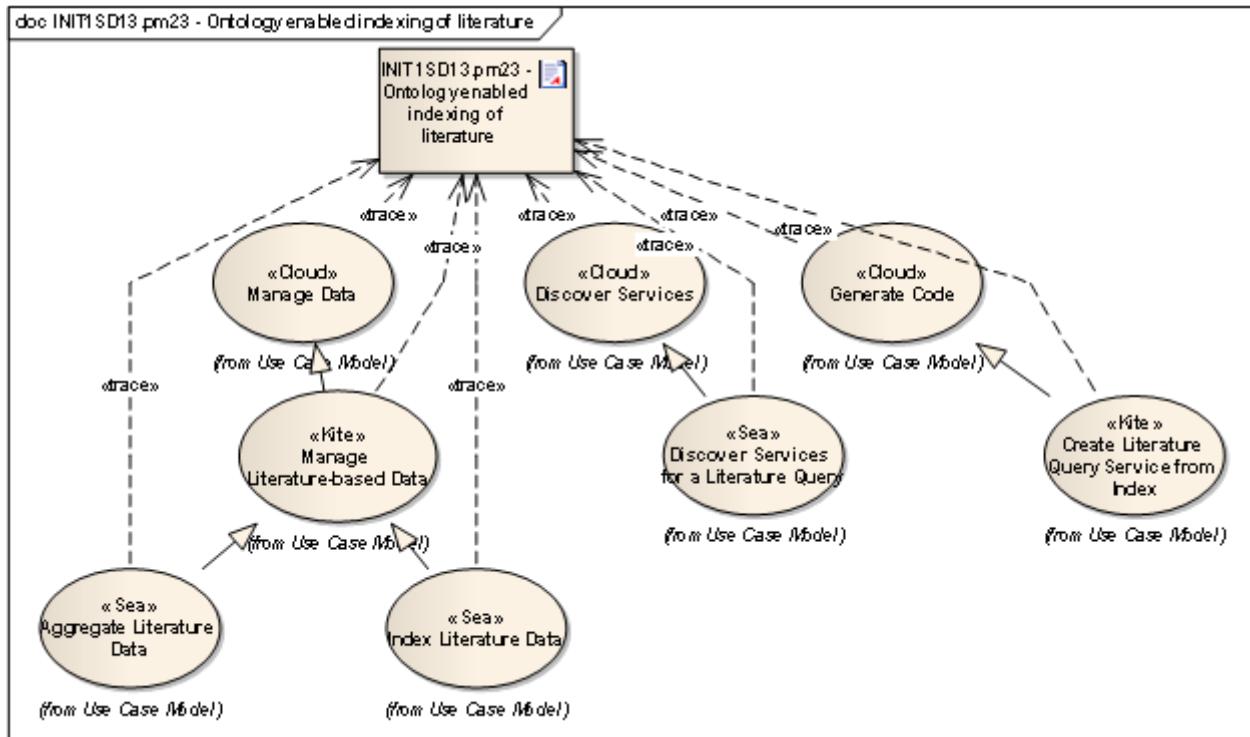


Figure: 18

INIT1SD13.pm23 - Ontology enabled indexing of literature

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: INIT1SD13.pm23 - Ontology enabled indexing of literature *Keywords:*
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {A0CA0A33-F369-49f0-AAF3-32F10263AC0E}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/UZF9AQ>

Connections

Connector	Source	Target	Notes
-----------	--------	--------	-------

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Generate Code	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Create Literature Query Service from Index	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Discover Services for a Literature Query	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Manage Literature- based Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Index Literature Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Aggregate Literature Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Trace Source -> Destination	Public Discover Services	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

INIT1SD2.pm7 - CQL 2.0 Enhancements

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: Created on 6/9/2010. Last modified on 6/9/2010
GUID: {AB34B7D3-EC84-4dfd-8B6F-4C3EF481F6D2}

INIT1SD2.pm7 - COL 2.0 Enhancements - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/9/2010
Version: 1.0. *Locked:* False
GUID: {FAE0BB1F-BDD6-405a-AA16-9DD3231990E7}

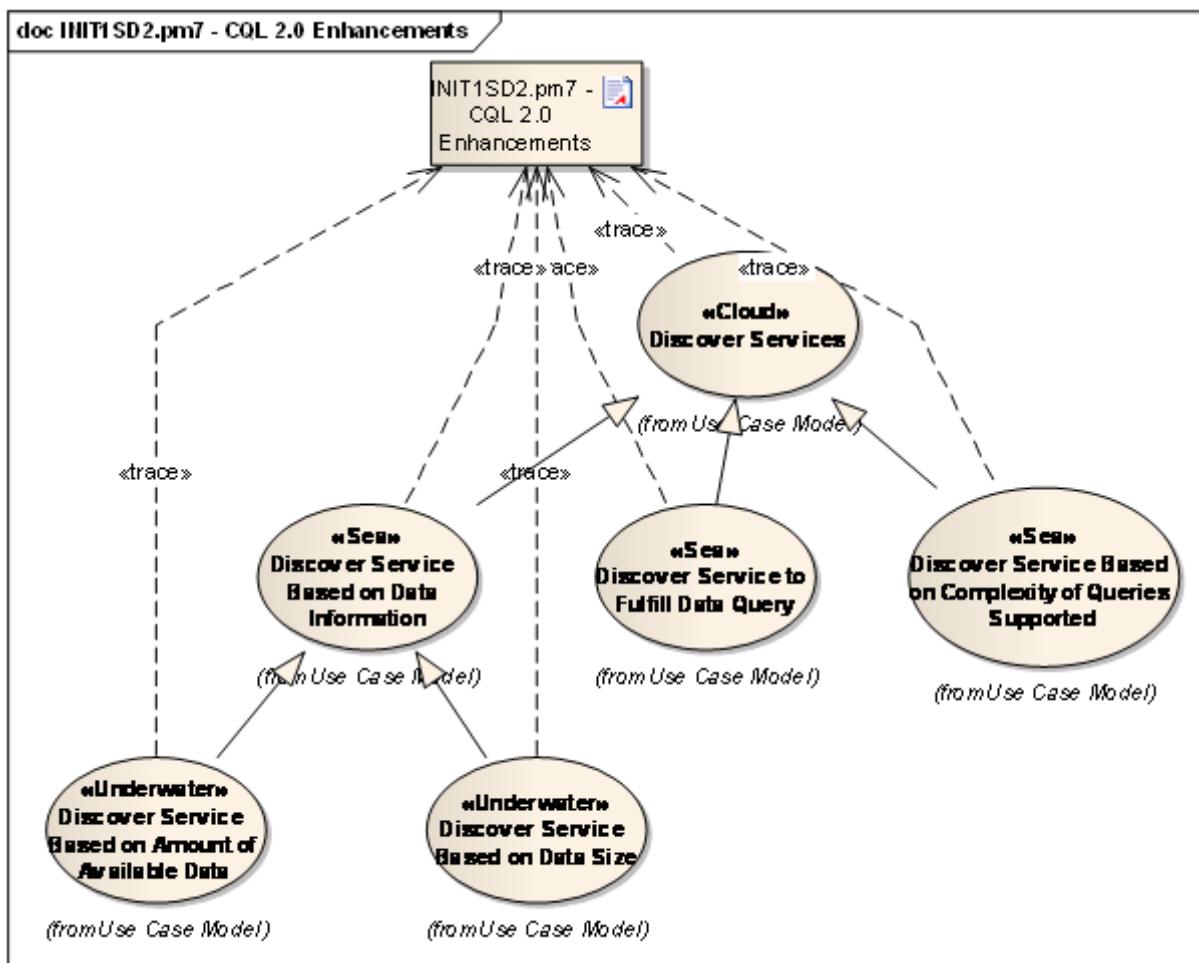


Figure: 19

INIT1SD2.pm7 - CQL 2.0 Enhancements

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: INIT1SD2.pm7 - CQL 2.0 Enhancements *Keywords:*
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {8B9D1DC1-0848-40cc-8DFD-1F72E96678AA}

Custom Properties

- fileName =

Associated Files

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/HGRyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Data Information	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service to Fulfill Data Query	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Services	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Amount of Available Data	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Service Based on Data Size	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	

INIT1SD6 - Standardized annotations of UML associations names-concepts

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/14/2010. Last modified on 6/14/2010*
GUID: {392015B2-EA8E-4cc4-87C5-3E90EBF083E5}

INIT1SD6 - Standardized annotations of UML associations names-concepts - (Documentation diagram)

Created By: Administrator on 6/14/2010
Last Modified: 6/14/2010
Version: 1.0. **Locked:** False
GUID: {BF6A6998-5EF3-44e2-91B0-6028E89BE044}

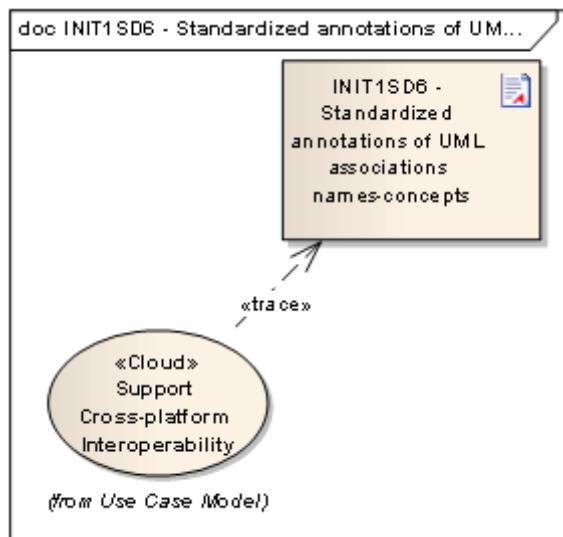


Figure: 20

INIT1SD6 - Standardized annotations of UML associations names-concepts

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: INIT1SD6 - Standardized annotations of UML associations names-concepts

Keywords:

Detail: Created on 6/14/2010. Last modified on 6/14/2010.

GUID: {0D531DA1-D681-45e1-AC51-32764A09D9D3}

Custom Properties

- fileName =

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Support Cross-platform Interoperability	Public INIT1SD6 - Standardized annotations of UML associations names- concepts	

Init1SD40 - Statistical computing environment and sharable metadata for statistical practice

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceability Model
Detail: Created on 6/14/2010. Last modified on 6/14/2010
GUID: {3FC0DA5B-7568-4f0a-9706-9B6BFD568DDA}

Init1SD40 - Statistical computing environment and sharable metadata for statistical practice - (Documentation diagram)

Created By: Administrator on 6/14/2010
Last Modified: 6/14/2010
Version: 1.0. *Locked:* False
GUID: {36CEF852-D5A9-4d3b-B1E0-AE5773C1AC27}

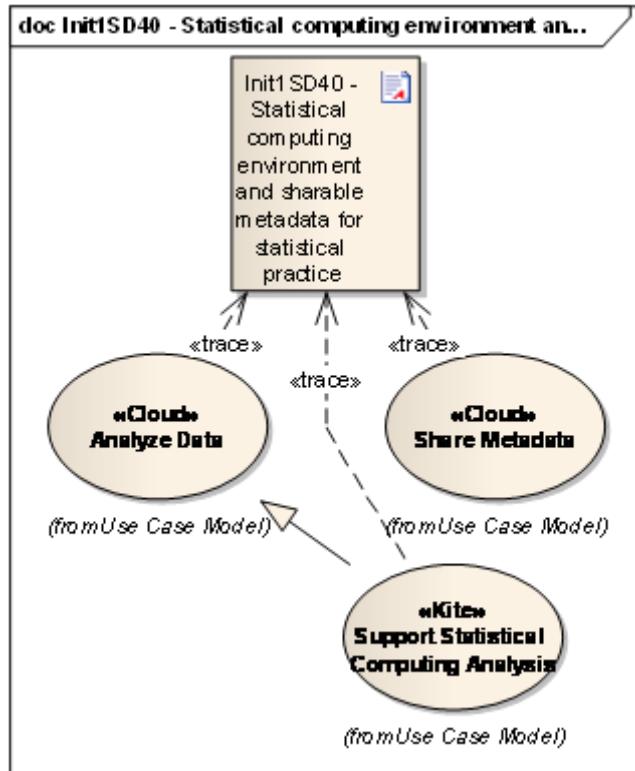


Figure: 21

Init1SD40 - Statistical computing environment and sharable metadata for statistical practice

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1SD40 - Statistical computing environment and sharable metadata for statistical practice
Keywords:
Detail: Created on 6/14/2010. Last modified on 6/14/2010.
GUID: {D053EC0E-A32F-4a36-B314-76126F53513D}

Custom Properties

Custom Properties

- fileName =

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Share Metadata	Public Init1SD40 - Statistical computing environment and sharable metadata for statistical practice	
Trace Source -> Destination	Public Analyze Data	Public Init1SD40 - Statistical computing environment and sharable metadata for statistical practice	
Trace Source -> Destination	Public Support Statistical Computing Analysis	Public Init1SD40 - Statistical computing environment and sharable metadata for statistical practice	

Init1bes1.pm9.U0 - Compare Semantic Metadata

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {C7F2F6C4-944F-401b-92C2-C5FFA45FD196}

Init1bes1.pm9.U0 - Compare Semantic Metadata - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {3984FC49-C011-484f-AB97-532A5BECC476}

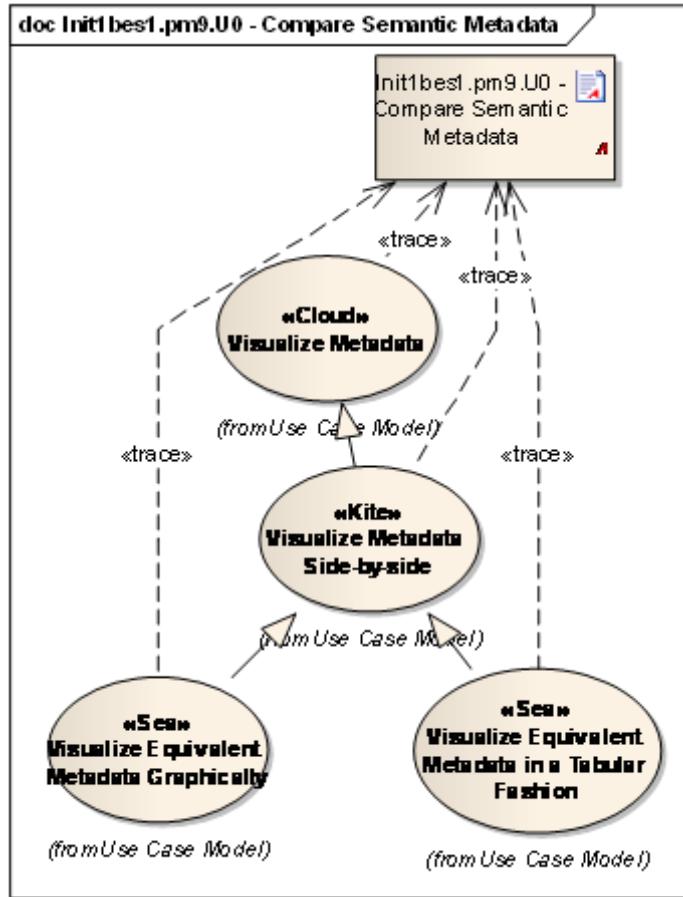


Figure: 22

Init1bes1.pm9.U0 - Compare Semantic Metadata

Type: **Artifact**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Init1bes1.pm9.U0 - Compare Semantic Metadata
 Detail: Created on 6/9/2010. Last modified on 6/9/2010.
 GUID: {BEEFFFF5-7B23-42d2-A5BA-2AE4CEA45448}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/qxJyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Visualize Equivalent Metadata in a Tabular Fashion	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Trace Source -> Destination	Public Visualize Metadata	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Trace Source -> Destination	Public Visualize Equivalent Metadata Graphically	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Trace Source -> Destination	Public Visualize Metadata Side-by-side	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	

Init1bes10.pm17 - Ability to share a link to a CDE

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {648EB940-3525-4416-8F22-F2746DE147E3}

Init1bes10.pm17 - Ability to share a link to a CDE - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {F0061E0A-2BCC-49e0-9542-258245A2791D}

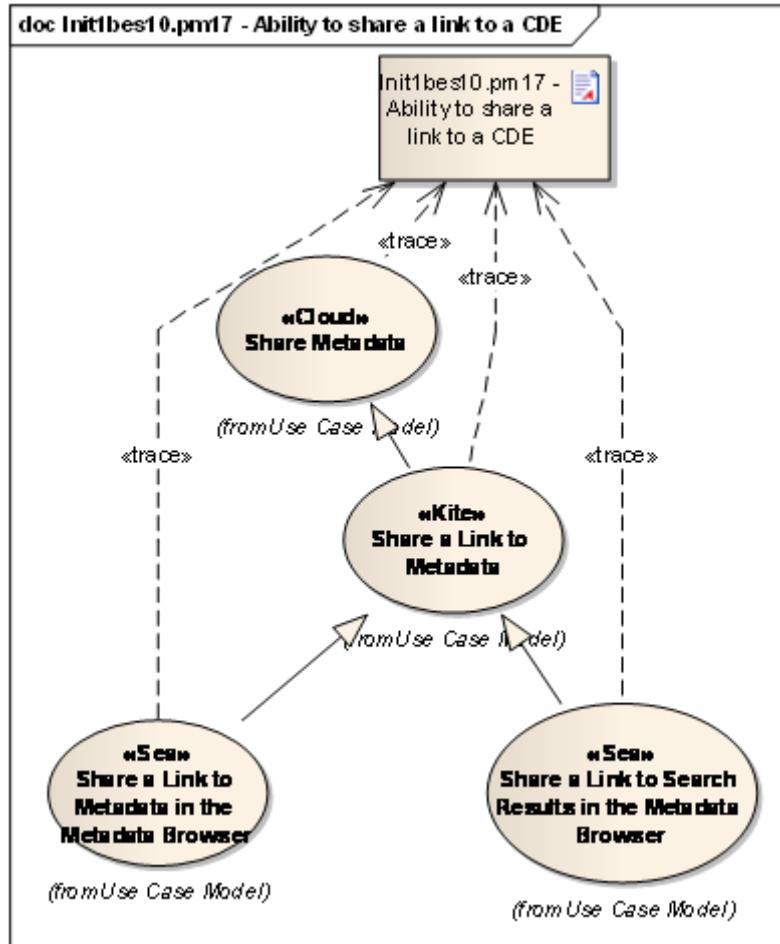


Figure: 23

Init1bes10.pm17 - Ability to share a link to a CDE

Type:	Artifact
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Init1bes10.pm17 - Ability to share a link to a CDE
Detail:	<i>Created on 6/9/2010. Last modified on 6/9/2010.</i>
GUID:	{75B6353E-32F5-437a-9D7E-4D2BA1012754}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/GZB9AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Share a Link to Search Results in the Metadata Browser	Public Init1bes10.pm17 - Ability to share a link to a CDE	
Trace Source -> Destination	Public Share a Link to Metadata in the Metadata Browser	Public Init1bes10.pm17 - Ability to share a link to a CDE	
Trace Source -> Destination	Public Share Metadata	Public Init1bes10.pm17 - Ability to share a link to a CDE	
Trace Source -> Destination	Public Share a Link to Metadata	Public Init1bes10.pm17 - Ability to share a link to a CDE	

Init1bes4.pm10.U0 - SIW Enhancement

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {832DC57D-55C3-4bf0-8A5F-A82B7C3C2C5A}

Init1bes4.pm10.U0 - SIW Enhancement - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {82E00D6C-4A09-4e51-99B3-EA1CEC3C2EFC}

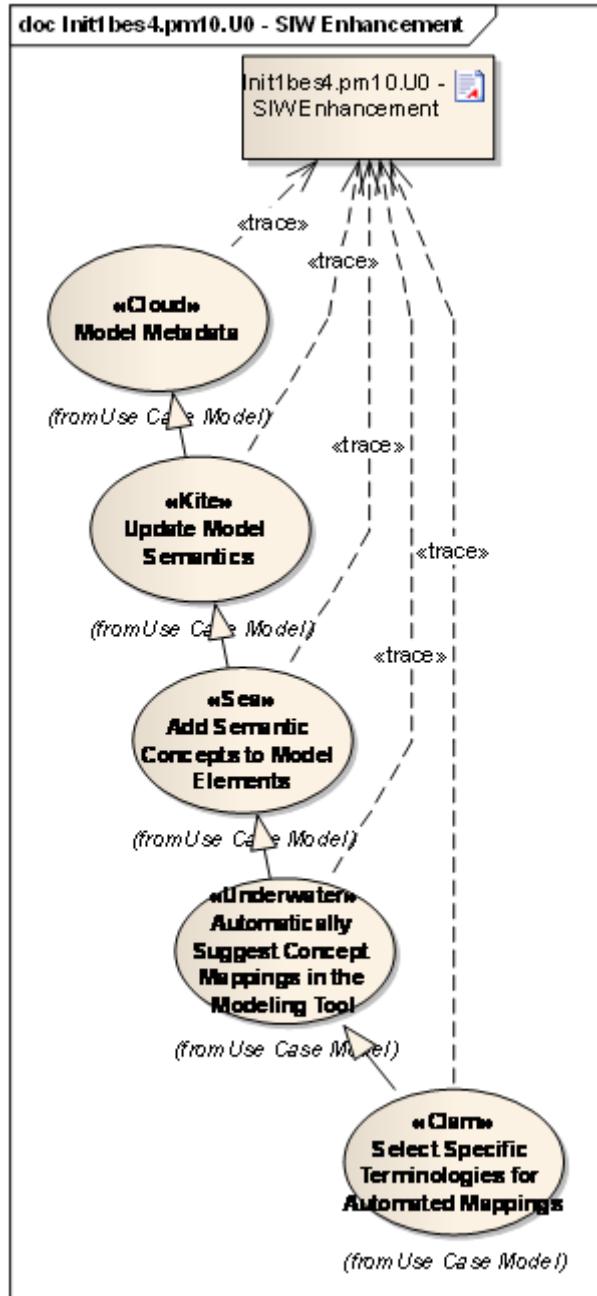


Figure: 24

Init1bes4.pm10.U0 - SIW Enhancement

Type:	Artifact
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Init1bes4.pm10.U0 - SIW Enhancement
Detail:	<i>Created on 6/9/2010. Last modified on 6/9/2010.</i>
GUID:	{905CBFCC-64DD-45ea-9B35-2FC1971D4057}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/qRJyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Select Specific Terminologies for Automated Mappings	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Automatically Suggest Concept Mappings in the Modeling Tool	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Add Semantic Concepts to Model Elements	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Update Model Semantics	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Model Metadata	Public Init1bes4.pm10.U0 - SIW Enhancement	

Init1bes6.pm26.U0 - Metadata Browser Functionalities

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {00ECE71D-F56E-42e1-A92A-676CEB2F0353}

Init1bes6.pm26.U0 - Metadata Browser Functionalities - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {DD976E7A-9C68-4f0b-980E-20BF75621B3C}

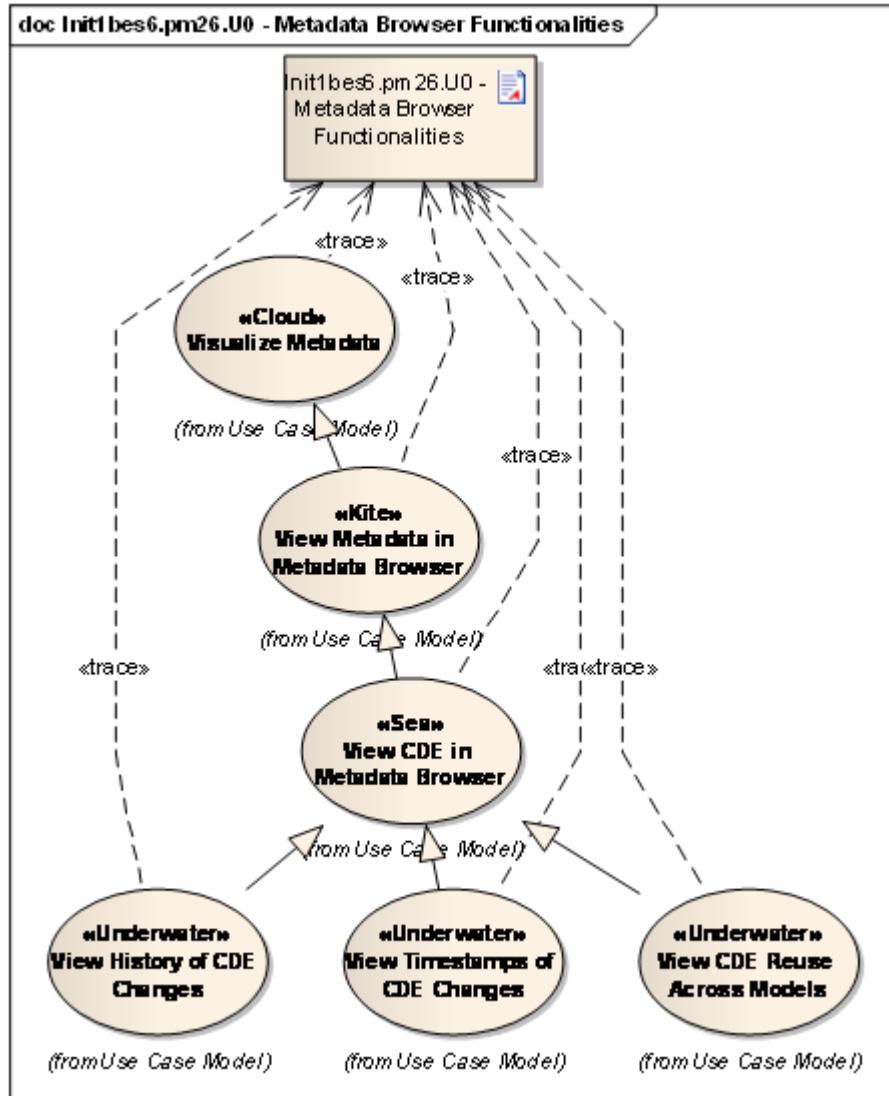


Figure: 25

Init1bes6.pm26.U0 - Metadata Browser Functionalities

Type:

Artifact

Status:

Proposed. Version 1.0. Phase 1.0.

Package:

Init1bes6.pm26.U0 - Metadata Browser Functionalities **Keywords:**

Detail:

Created on 6/9/2010. Last modified on 6/9/2010.

GUID:

{F18C168A-6987-436d-86D2-D8180703D47D}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/gZZ-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public View CDE Reuse Across Models	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public View CDE in Metadata Browser	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public View Metadata in Metadata Browser	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public Visualize Metadata	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public View History of CDE Changes	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public View Timestamps of CDE Changes	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	

Init1bes8.pm30.U0 - CDE ObjectClass interdependency**Type:** Package**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Traceability Model**Detail:** *Created on 6/9/2010. Last modified on 6/9/2010***GUID:** {7C048933-3CCE-4aaf-86C6-1F29BE5227B4}**Init1bes8.pm30.U0 - CDE ObjectClass interdependency** - (Documentation diagram)**Created By:** Administrator on 6/9/2010**Last Modified:** 6/9/2010**Version:** 1.0. **Locked:** False

GUID: {9516BE67-D462-4d31-A872-D32FFE633A42}

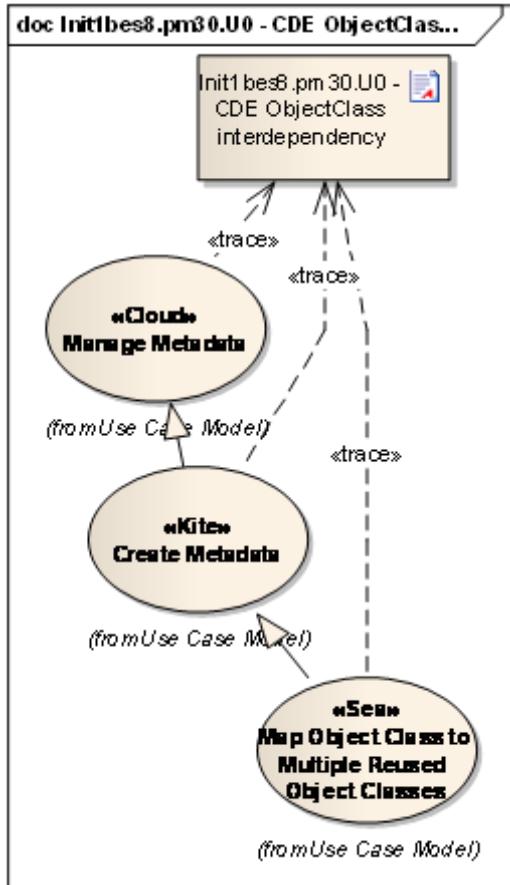


Figure: 26

Init1bes8.pm30.U0 - CDE ObjectClass interdependency

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1bes8.pm30.U0 - CDE ObjectClass interdependency *Keywords:*

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {A794DC79-2B6B-4278-9B4B-57203E51F7A8}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/i5Z-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Map Object Class to Multiple Reused Object Classes	Public Init1bes8.pm30.U0 - CDE ObjectClass interdependency	
Trace Source -> Destination	Public Create Metadata	Public Init1bes8.pm30.U0 - CDE ObjectClass interdependency	
Trace Source -> Destination	Public Manage Metadata	Public Init1bes8.pm30.U0 - CDE ObjectClass interdependency	

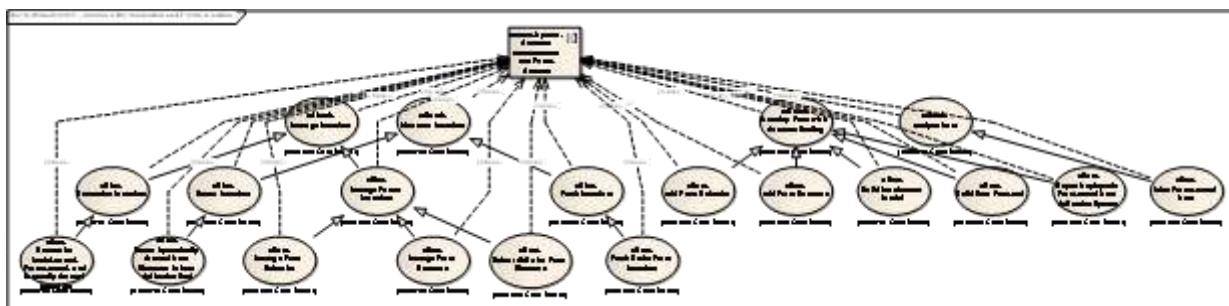
Init1bes9.pm11 - Common Harmonization and Forms Creation**Type:** **Package****Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Traceability Model**Detail:** *Created on 6/9/2010. Last modified on 6/9/2010***GUID:** {ACBE5E92-6490-4e5b-8150-51D8E16F4A51}***Init1bes9.pm11 - Common Harmonization and Forms Creation*** - (Documentation diagram)**Created By:** Administrator on 6/9/2010**Last Modified:** 6/9/2010**Version:** 1.0. **Locked:** False**GUID:** {82794B3D-436F-4572-BE83-606C761F0C2A}

Figure: 27

Init1bes9.pm11 - Common Harmonization and Forms Creation**Type:** **Artifact****Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Init1bes9.pm11 - Common Harmonization and Forms Creation **Keywords:****Detail:** *Created on 6/9/2010. Last modified on 6/9/2010.*

GUID: {219FE534-848E-4f52-87B1-066C5F2E1E84}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/SGxyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Reuse Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Discover Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Manage Forms Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Manage Form Behavior	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Harmonize Model-based, Forms-based, and Manually Curated Metadata	Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Harmonize Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Manage Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Mine Forms-based Data	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Fetch Entire Form Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Analyze Data	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Export Deployable Form-based Data Collection System	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Build Web Front-end	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Build Persistence Model	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Add Form Structure	Public Init1bes9.pm11 -	

Connector	Source	Target	Notes
		Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Add Form Behavior	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Develop Form with Common Tooling	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Select CDEs for Form Elements	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Manage Form Structure	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	

Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {8621564C-4B1A-4ced-81C7-00C247BD729D}

Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. [Locked](#): False
GUID: {C661A46D-016B-4d93-9C8A-AF9F2A23F29F}

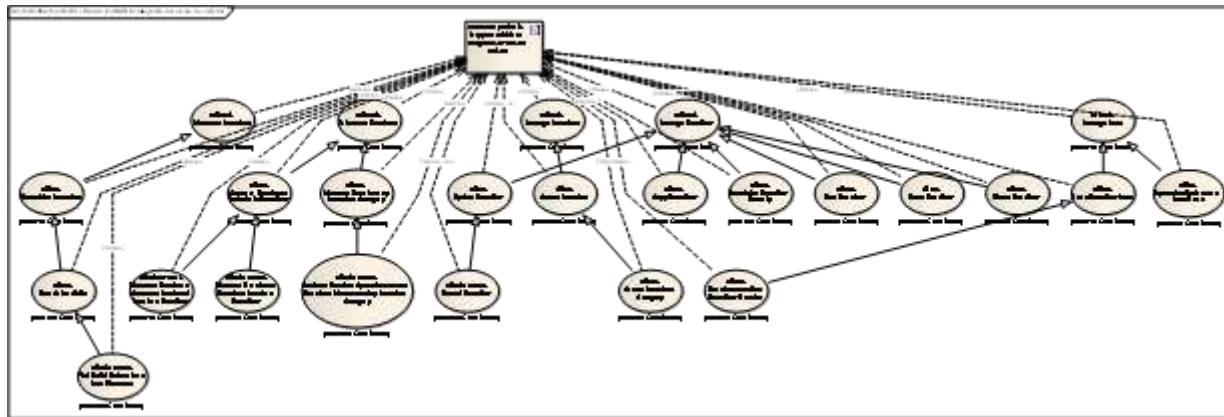


Figure: 28

Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid **Keywords:**

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {EBDF8D67-CA43-4b9f-96F6-2123A7120818}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/Y2RyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service to Include in Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Discover Services	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Perform Service	Public Init1dbw6.pm8.U0 -	

Connector	Source	Target	Notes
	Operation Across Services Discovered by Metadata Category	Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Manage Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Store Intermediate Workflow Results	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Dynamically Create a Data Store	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Store Workflow Data	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Manage Data	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Create Metadata Category	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Create Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Manage Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Share Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to	

Connector	Source	Target	Notes
		integrate services on caGrid	
Trace Source -> Destination	Public Discover Service to Consume Produced Data in a Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Run Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Discover Services by Metadata Category	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Provision Workflow Security	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Copy Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Extend Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Update Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Find Valid Values for a Data Elements	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Search for CDEs	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on	

Connector	Source	Target	Notes
		caGrid	
Trace Source -> Destination	Public Search for Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Discover Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Save Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	

Init1dbw7.pm19 - Structured Eligibility Criteria

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceablity Model

Detail: Created on 6/9/2010. Last modified on 6/9/2010

GUID: {B40CA49B-AF1D-493d-86C3-088B429FE61D}

Init1dbw7.pm19 - Structured Eligibility Criteria - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/9/2010

Version: 1.0. Locked: False

GUID: {F86426AB-46FB-497d-AFC7-4F94AAED1892}

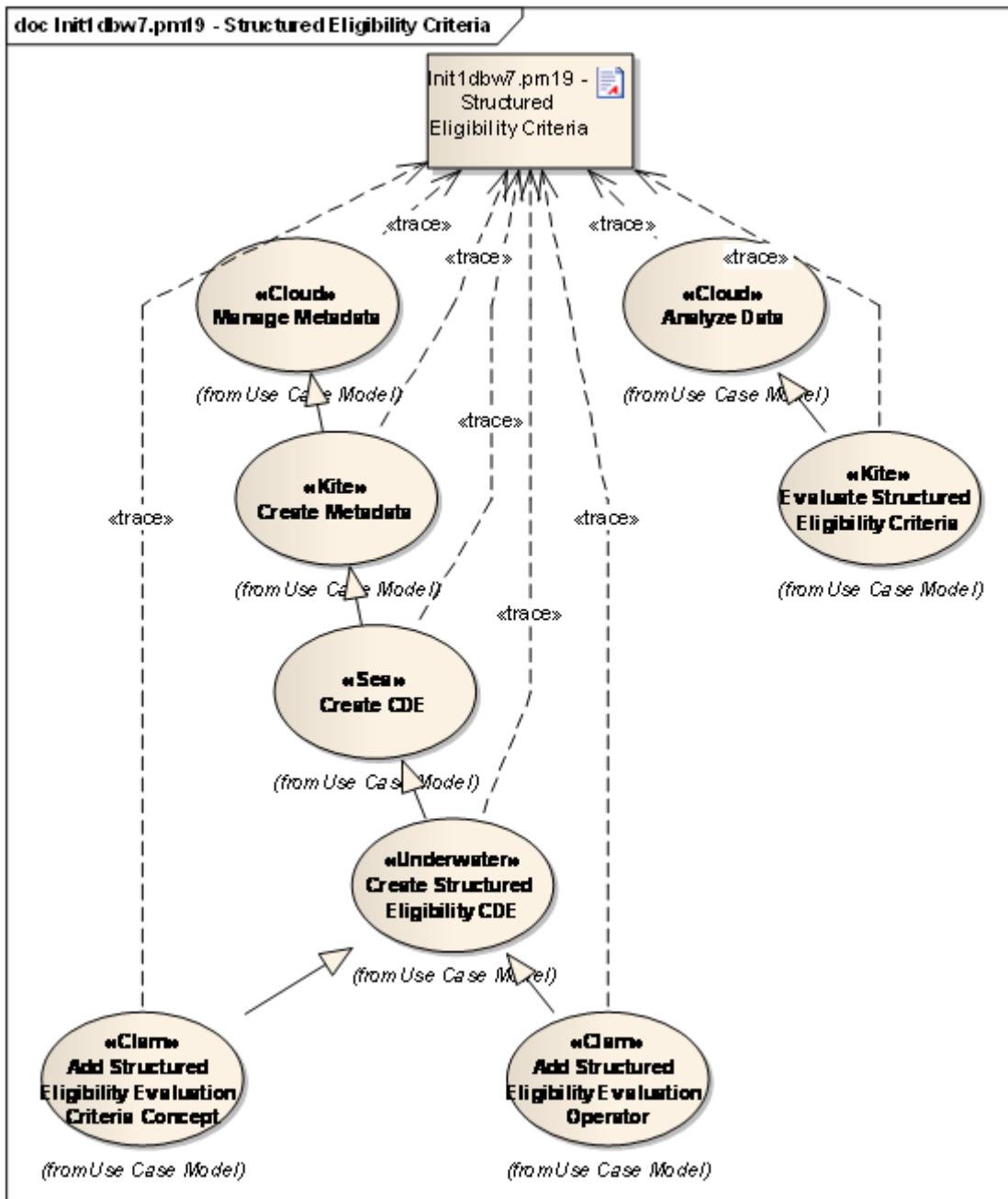


Figure: 29

Init1dbw7.pm19 - Structured Eligibility Criteria

Type: Artifact
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1dbw7.pm19 - Structured Eligibility Criteria **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {0EE249D1-709B-4aa0-AC4F-A16A16B836D8}

Custom Properties

- fileName =

Associated Files

- Web Address https://wiki.nci.nih.gov/x/_JB9AQ

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Analyze Data	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Add Structured Eligibility Evaluation Operator	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Add Structured Eligibility Evaluation Criteria Concept	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Create Structured Eligibility CDE	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Create CDE	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Create Metadata	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Evaluate Structured Eligibility Criteria	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Trace Source -> Destination	Public Manage Metadata	Public Init1dbw7.pm19 - Structured Eligibility Criteria	

Init1hm1.pm25 - ICR IRWG requirements

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceability Model

Detail: *Created on 6/9/2010. Last modified on 6/9/2010*

GUID: {6158DABB-0B87-4e39-AAED-FDCA8F72546F}

Init1hm1.pm25 - ICR IRWG requirements - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/10/2010

Version: 1.0. **Locked:** False

GUID: {02505293-212A-4b01-AF11-5A2FB234F5E5}

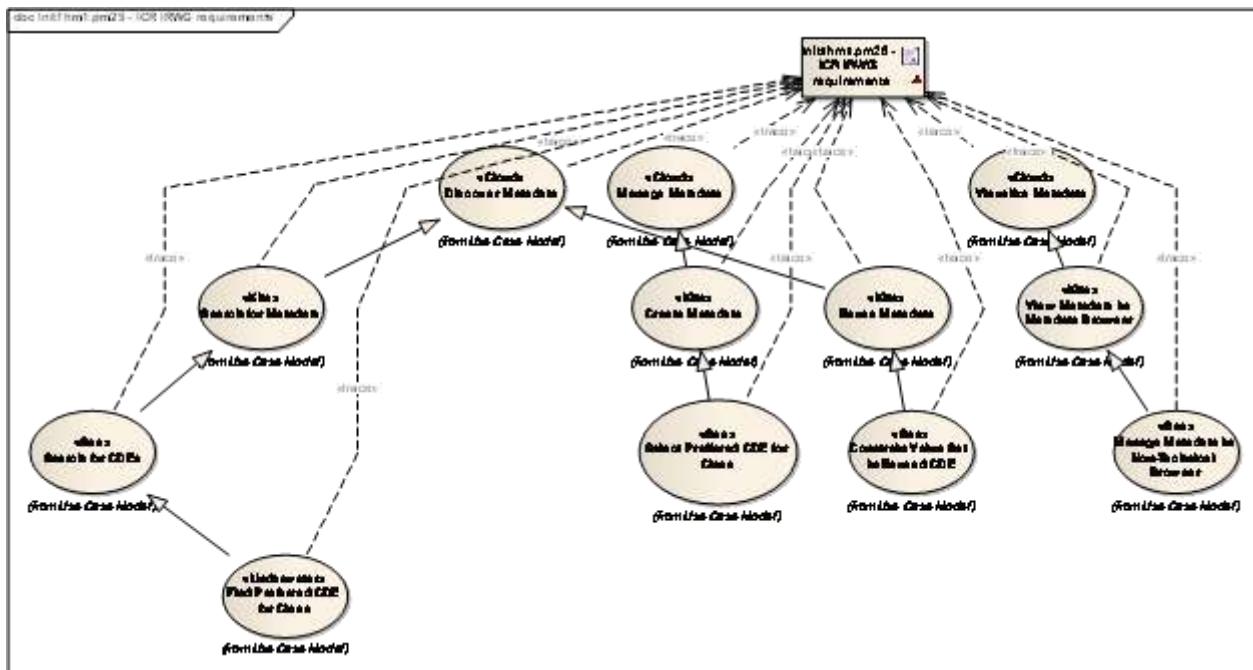


Figure: 30

Init1hm1.pm25 - ICR IRWG requirements

Type: Artifact

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1hm1.pm25 - ICR IRWG requirements **Keywords:**

Detail: *Created on 6/9/2010. Last modified on 6/10/2010.*

GUID: {DC6C9D33-B677-43c8-B49D-110C94C87BEE}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/epZ-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Find Preferred CDE for Class	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Reuse Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Constrain Value Set in Reused CDE	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Search for CDEs	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Manage Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Visualize Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Discover Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Search for Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Manage Metadata in Non-Technical Browser	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Select Preferred CDE for Class	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public View Metadata in	Public Init1hm1.pm25 - ICR	

Connector	Source	Target	Notes
	Metadata Browser	IRWG requirements	
Trace Source -> Destination	Public Create Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	

Init1hm2.pm6 - Reuse or create new data elements at runtime

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceability Model

Detail: Created on 6/9/2010. Last modified on 6/9/2010

GUID: {B6EF9573-365E-410a-B4DF-DF752E20E381}

Init1hm2.pm6 - Reuse or create new data elements at runtime - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/9/2010

Version: 1.0. *Locked*: False

GUID: {B60F41D7-A4A3-48b3-880A-B39131F0F36F}

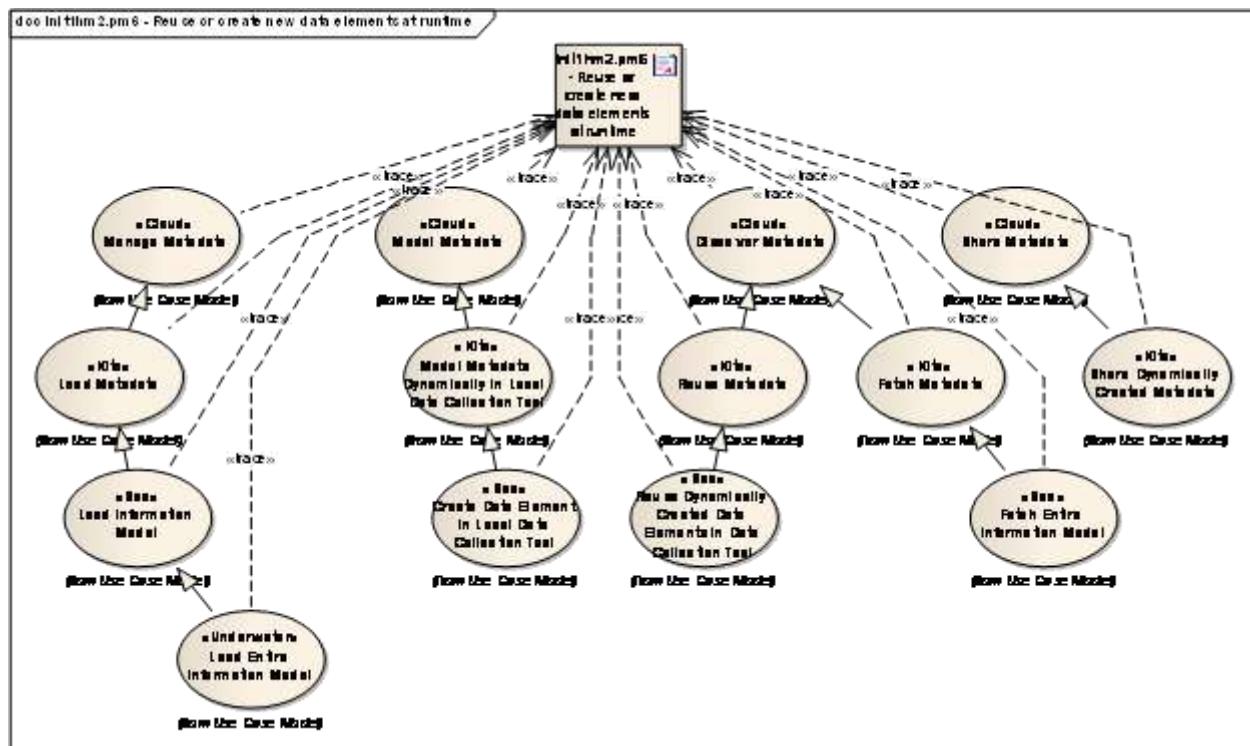


Figure: 31

Init1hm2.pm6 - Reuse or create new data elements at runtime

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1hm2.pm6 - Reuse or create new data elements at runtime
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {A80BBA7D-B34D-4b72-8535-01F2B9602EA3}

Keywords:

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/t2NyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Fetch Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Fetch Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Reuse Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Discover Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Load Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data	

Connector	Source	Target	Notes
		elements at runtime	
Trace Source -> Destination	Public Create Data Element in Local Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Manage Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Load Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Model Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Share Dynamically Created Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Share Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Init1hm4.pm28 - Reuse of Metadata

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {D32A04C7-2797-41e0-B575-032D21CD8315}

Init1hm4.pm28 - Reuse of Metadata - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {F3E47CFE-9BE8-4a0f-B157-E7D081652BF2}

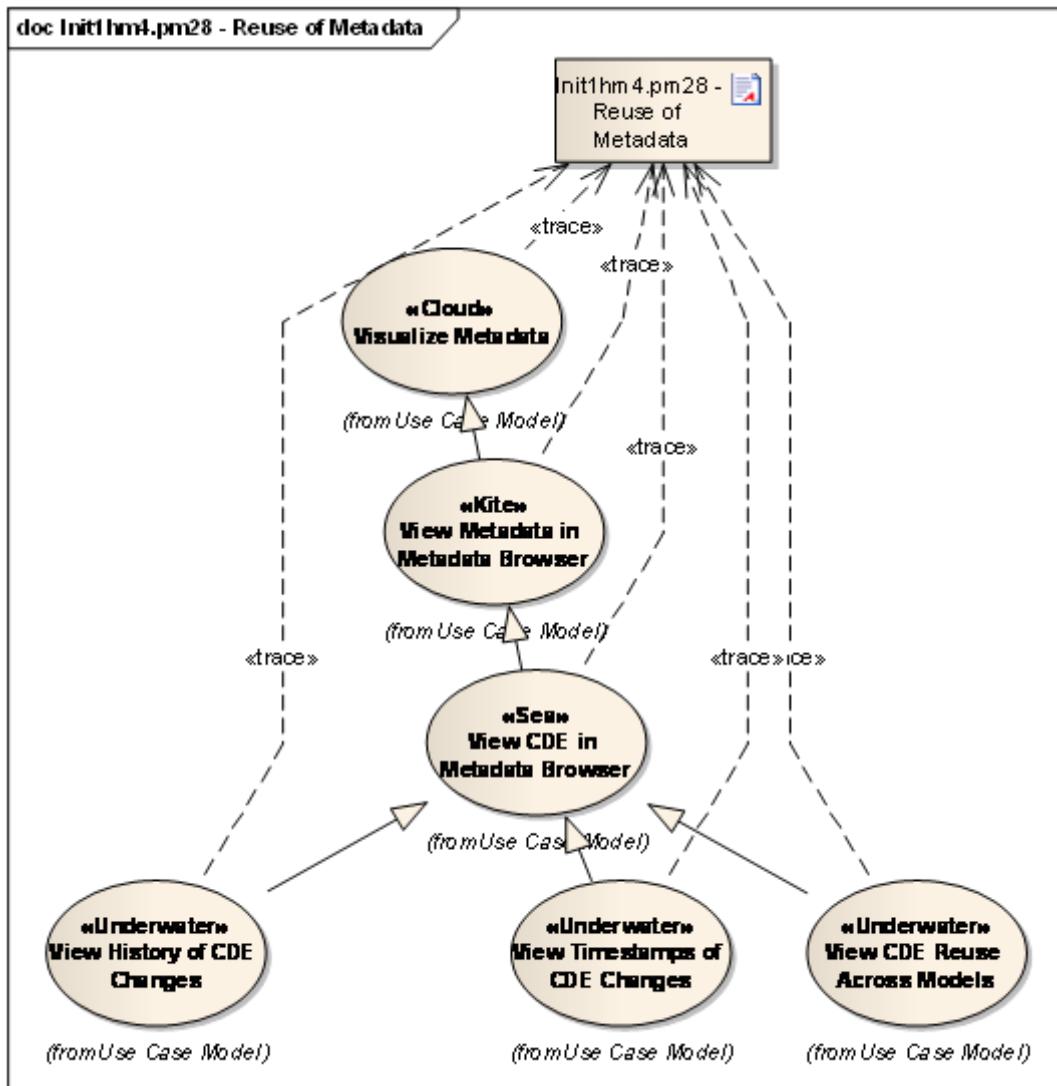


Figure: 32

Init1hm4.pm28 - Reuse of Metadata

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1hm4.pm28 - Reuse of Metadata **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {3F8AFF43-FC6E-4148-B908-27CDD1B0A66B}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/h5Z-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public View Timestamps of CDE Changes	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public View CDE Reuse Across Models	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public View History of CDE Changes	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public View CDE in Metadata Browser	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public View Metadata in Metadata Browser	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public Visualize Metadata	Public Init1hm4.pm28 - Reuse of Metadata	

Init1hm6.pm18 - CDE service to return enumerations by reference

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {6C9B70C6-95C2-48dd-9581-DCDA2E0338B3}

Init1hm6.pm18 - CDE service to return enumerations by reference - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {D3D96470-1624-440a-9369-8F633EA139AC}

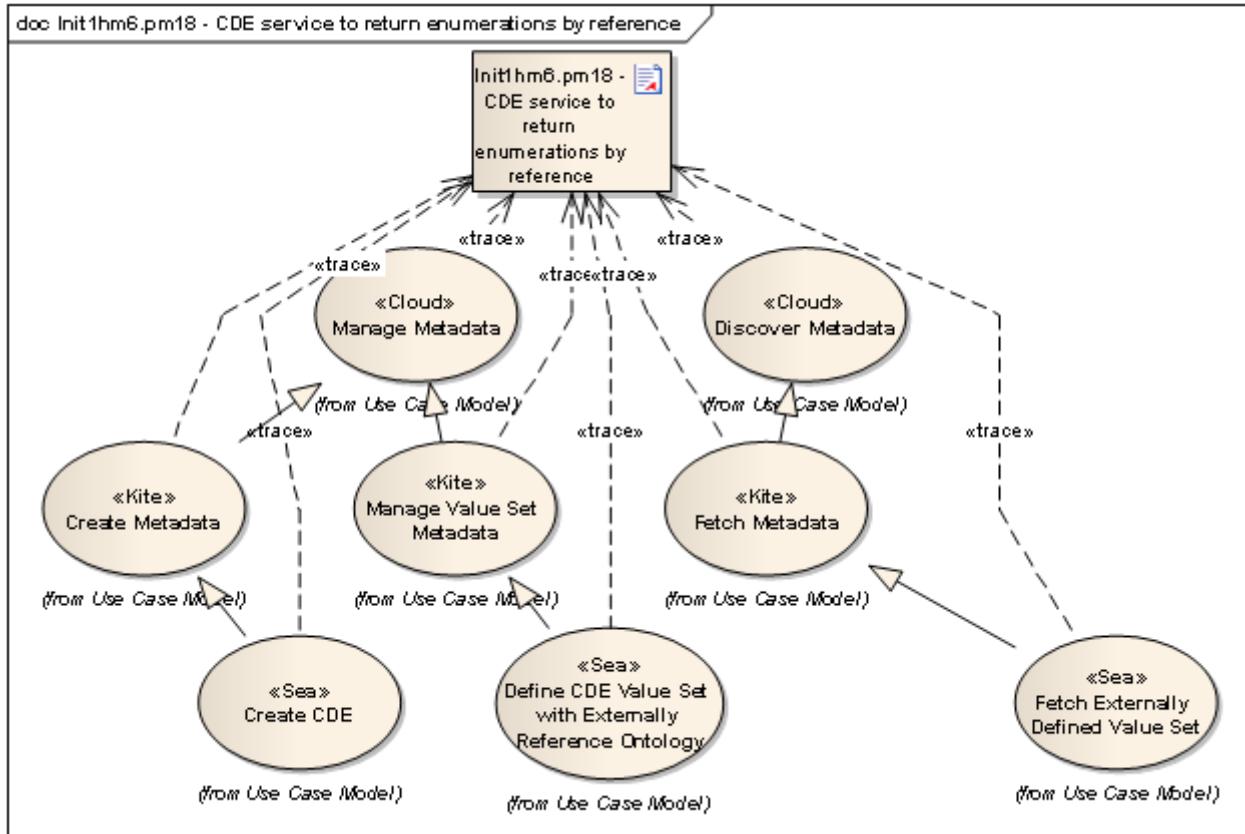


Figure: 33

Init1hm6.pm18 - CDE service to return enumerations by reference

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1hm6.pm18 - CDE service to return enumerations by reference **Keywords:**

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {DF7351C8-66DE-427d-8584-4950FAD5D952}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/6JB9AQ>

Connections

Connector	Source	Target	Notes
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Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Discover Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Create Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Fetch Externally Defined Value Set	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Manage Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Define CDE Value Set with Externally Reference Ontology	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Manage Value Set Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Create CDE	Public Init1hm6.pm18 - CDE service to return enumerations by reference	

Init1pm1.pm1 - ICR IRWG Requirements - Model Loading

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: Created on 6/7/2010. Last modified on 6/7/2010
GUID: {59E716DE-14CB-4b1b-9276-2962DD6081F0}

Init1pm1.pm1 - ICR IRWG Requirements - Model Loading - (Documentation diagram)

Created By: Administrator on 6/7/2010
Last Modified: 6/7/2010
Version: 1.0. *Locked:* False
GUID: {B24D36CE-8E4A-40bb-8F31-403C79F3721B}

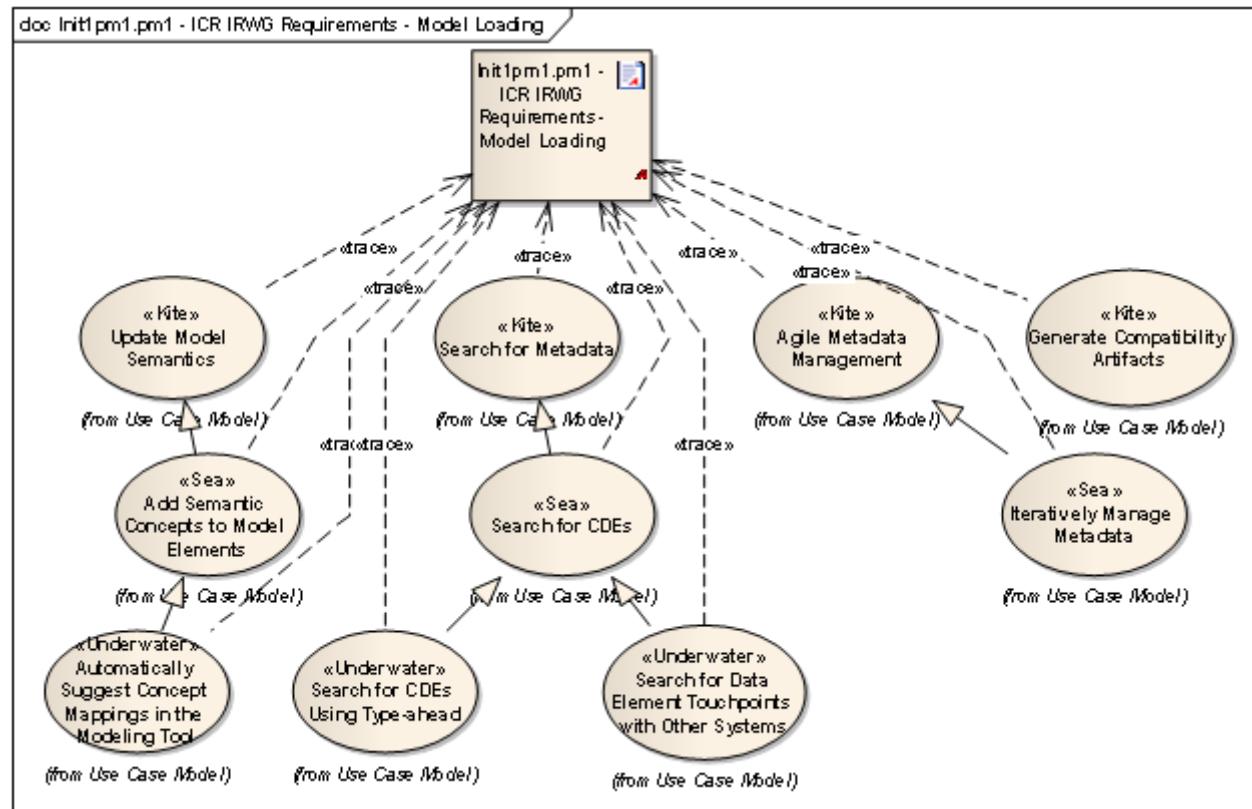


Figure: 34

Init1pm1.pm1 - ICR IRWG Requirements - Model Loading

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1pm1.pm1 - ICR IRWG Requirements - Model Loading *Keywords:*
Detail: Created on 6/7/2010. Last modified on 6/9/2010.
GUID: {33C9207C-1FE6-48b7-B8F4-B7978301A398}

Custom Properties

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/jBJyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Automatically Suggest Concept Mappings in the Modeling Tool	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Search for CDEs	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Add Semantic Concepts to Model Elements	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Update Model Semantics	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Iteratively Manage Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Agile Metadata Management	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Search for Data Element Touchpoints with Other Systems	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Generate Compatibility	Public Init1pm1.pm1 - ICR	

Connector	Source	Target	Notes
	Artifacts	IRWG Requirements - Model Loading	
Trace Source -> Destination	Public Search for CDEs Using Type-ahead	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	

Init1pm10.pm20 - Expose underlying Tool functionality as Services

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {2F23A3D7-D669-47b6-B6D2-E77EB2649045}

Init1pm10.pm20 - Expose underlying Tool functionality as Services - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. [Locked](#): False
GUID: {6177FA53-A14E-460a-A32A-82EE9DB67E05}

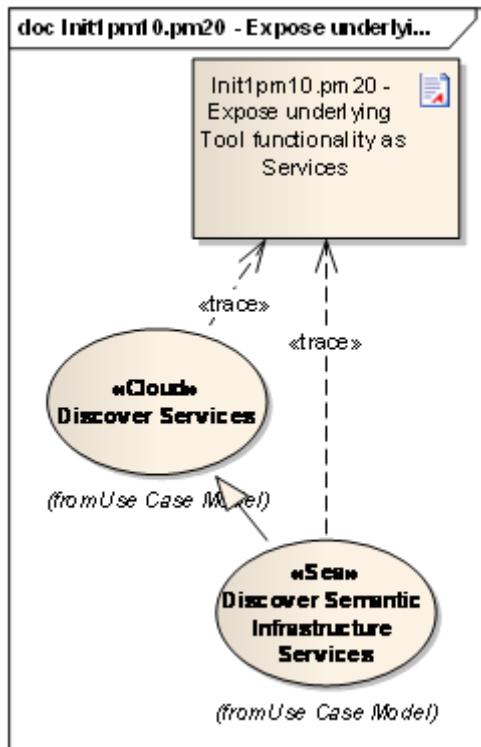


Figure: 35

Init1pm10.pm20 - Expose underlying Tool functionality as Services

Type: Artifact

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1pm10.pm20 - Expose underlying Tool functionality as Services **Keywords:**

Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*

GUID: {03019CDD-1499-4269-8A02-25DE7B0DC9AE}

Custom Properties

- fileName =

Associated Files

- Local File <https://wiki.nci.nih.gov/x/AZF9AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Semantic Infrastructure Services	Public Init1pm10.pm20 - Expose underlying Tool functionality as Services	
Trace Source -> Destination	Public Discover Services	Public Init1pm10.pm20 - Expose underlying Tool functionality as Services	

Init1pm11.pm3 - LS DAM refinement and utilization

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceability Model

Detail: *Created on 6/7/2010. Last modified on 6/7/2010*

GUID: {1CFDFF14-D5B0-4568-A6D3-C06C9D2E6DA7}

Init1pm11.pm3 - LS DAM refinement and utilization - (Documentation diagram)

Created By: Administrator on 6/7/2010

Last Modified: 6/7/2010

Version: 1.0. **Locked:** False

GUID: {28930559-49F1-454b-9613-BF4885E03CA8}

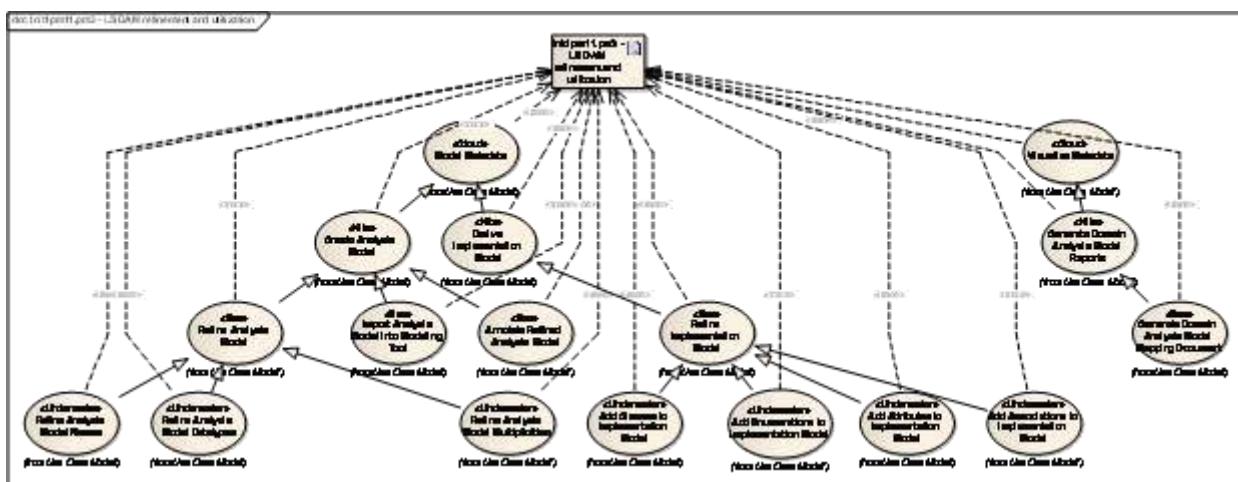


Figure: 36

Init1pm11.pm3 - LS DAM refinement and utilization

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1pm11.pm3 - LS DAM refinement and utilization Keywords:

Detail: Created on 6/7/2010. Last modified on 6/7/2010.

GUID: {550A721C-4DA4-4822-AFA7-C411BF5ECAB3}

Custom Properties

- `fileName` =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/rGtyAQ>

Connections

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Refine Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
<u>Trace</u> Source -> Destination	Public Generate Domain Analysis Model Mapping Document	Public Init1pm11.pm3 - LS DAM refinement and utilization	
<u>Trace</u> Source -> Destination	Public Generate Domain	Public Init1pm11.pm3 - LS	

Connector	Source	Target	Notes
	Analysis Model Reports	DAM refinement and utilization	
Realization Source -> Destination	Public Visualize Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Associations to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Attributes to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Classes to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Derive Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Add Enumerations to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Model Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Analysis Model Multiplicities	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Analysis Model Datatypes	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Refine Analysis Model Names	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Refine Analysis Model	Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Annotate Refined Analysis Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Create Analysis Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Init1pm13.pm14 - Medidata

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {233DFE9E-470F-402a-9D1D-696836D43B5A}

Init1pm13.pm14 - Medidata - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. [Locked](#): False
GUID: {33C25DB7-DBED-40f4-982E-0C72BF015CD3}

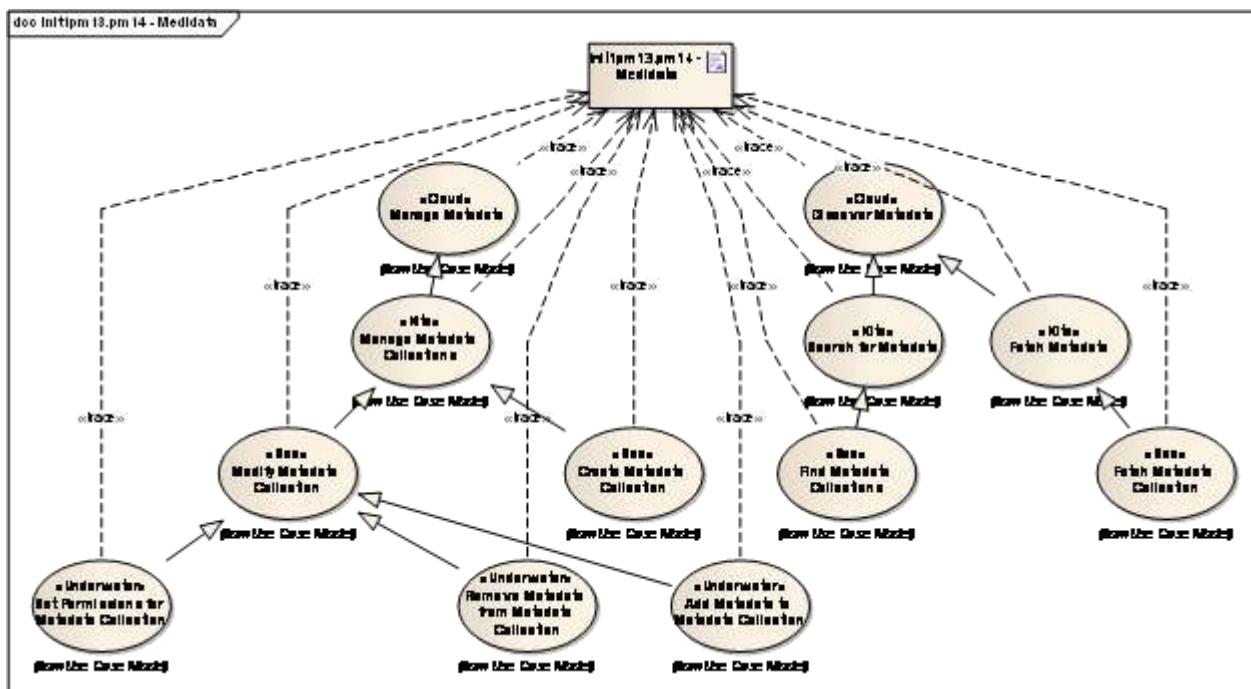


Figure: 37

Init1pm13.pm14 - Medidata

Type: **Artifact**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Init1pm13.pm14 - Medidata
 Keywords:
 Detail: Created on 6/9/2010. Last modified on 6/9/2010.
 GUID: {D4C4041B-EDE0-4537-897F-AD1804260BA5}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/uH9yAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Set Permissions for Metadata Collection	Public Init1pm13.pm14 - Medidata	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Add Metadata to Metadata Collection	Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Fetch Metadata Collection	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Find Metadata Collections	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Remove Metadata from Metadata Collection	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Manage Metadata Collections	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Fetch Metadata	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Modify Metadata Collection	Public Init1pm13.pm14 - Medidata	
Trace Source -> Destination	Public Create Metadata Collection	Public Init1pm13.pm14 - Medidata	

Init1pm16.pm4 - 21090 Datatype Support

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceability Model

Detail: Created on 6/9/2010. Last modified on 6/9/2010

GUID: {6D84DE8E-E4F0-4cfa-AC76-D6068366185E}

Init1pm16.pm4 - 21090 Datatype Support - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/13/2010

Version: 1.0. Locked: False

GUID: {CED9DDBC-C6CE-406a-8BC2-533E6BB7335F}

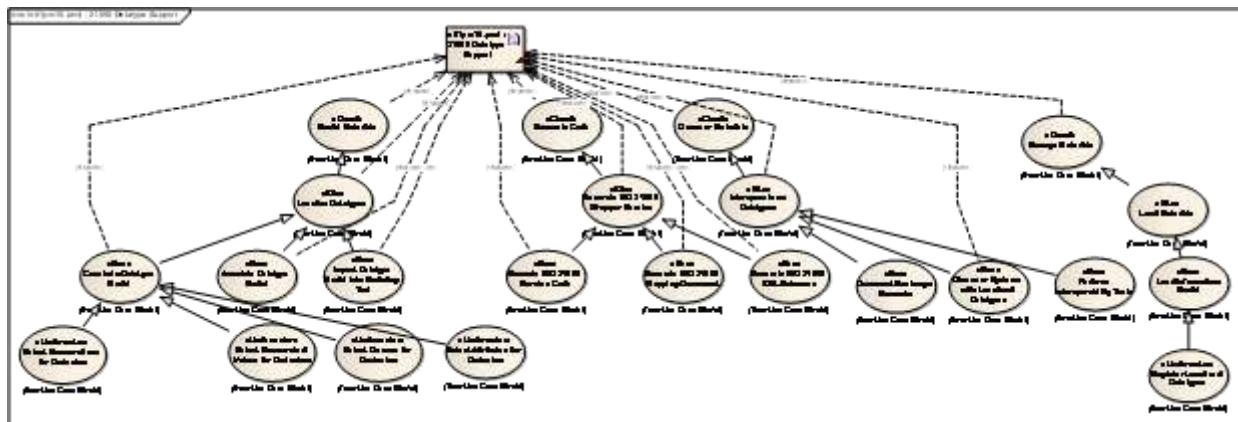


Figure: 38

Init1pm16.pm4 - 21090 Datatype SupportType: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1pm16.pm4 - 21090 Datatype Support **Keywords:**

Detail: Created on 6/9/2010. Last modified on 6/12/2010.

GUID: {B159E3D5-3646-4173-A112-C3B7E73F2511}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/IQhyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Systems with Localized Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Interoperate on	Public Init1pm16.pm4 - 21090	

Connector	Source	Target	Notes
	Datatypes	Datatype Support	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate ISO 21090 Service Code	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate Code	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Import Datatype Model into Modeling Tool	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate ISO 21090 XML Schemas	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate ISO 21090 Mapping Document	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Model Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Annotate Datatype Model	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Constrain Datatype Model	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Localize Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	

Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser

Type: **Package**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Traceability Model
 Detail: Created on 6/14/2010. Last modified on 6/14/2010
 GUID: {F45C5283-13AA-41cf-A2FB-E056D4FE1499}

Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser - (Documentation diagram)

Created By: Administrator on 6/14/2010
 Last Modified: 6/14/2010
 Version: 1.0. Locked: False
 GUID: {9F5889EE-7EBA-4776-BCC7-B16C65E7D5B3}

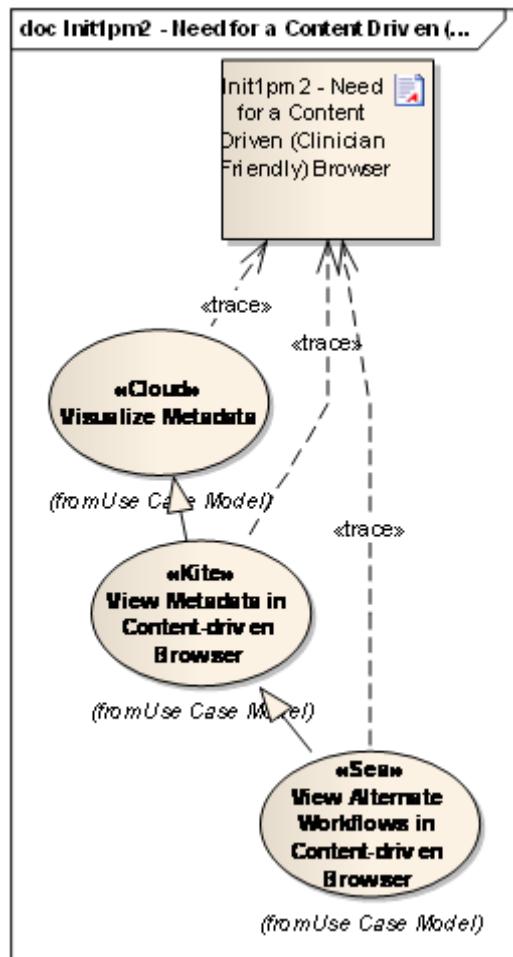


Figure: 39

Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser

Type: **Artifact**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser Keywords:
 Detail: Created on 6/14/2010. Last modified on 6/14/2010.

GUID: {CA2AF081-555C-42a9-A79E-86C92A818990}

Custom Properties

- fileName =

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Visualize Metadata	Public Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser	
Trace Source -> Destination	Public View Metadata in Content-driven Browser	Public Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser	
Trace Source -> Destination	Public View Alternate Workflows in Content-driven Browser	Public Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser	

Init1pm24.pm15 - ICR-caIntegrator2

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: Created on 6/9/2010. Last modified on 6/9/2010
GUID: {2E83218A-43DA-4f9a-867A-170A70C64971}

Init1pm24.pm15 - ICR-caIntegrator2 - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {C2CA8AE8-BD2C-45d6-9D50-33E0691E3956}

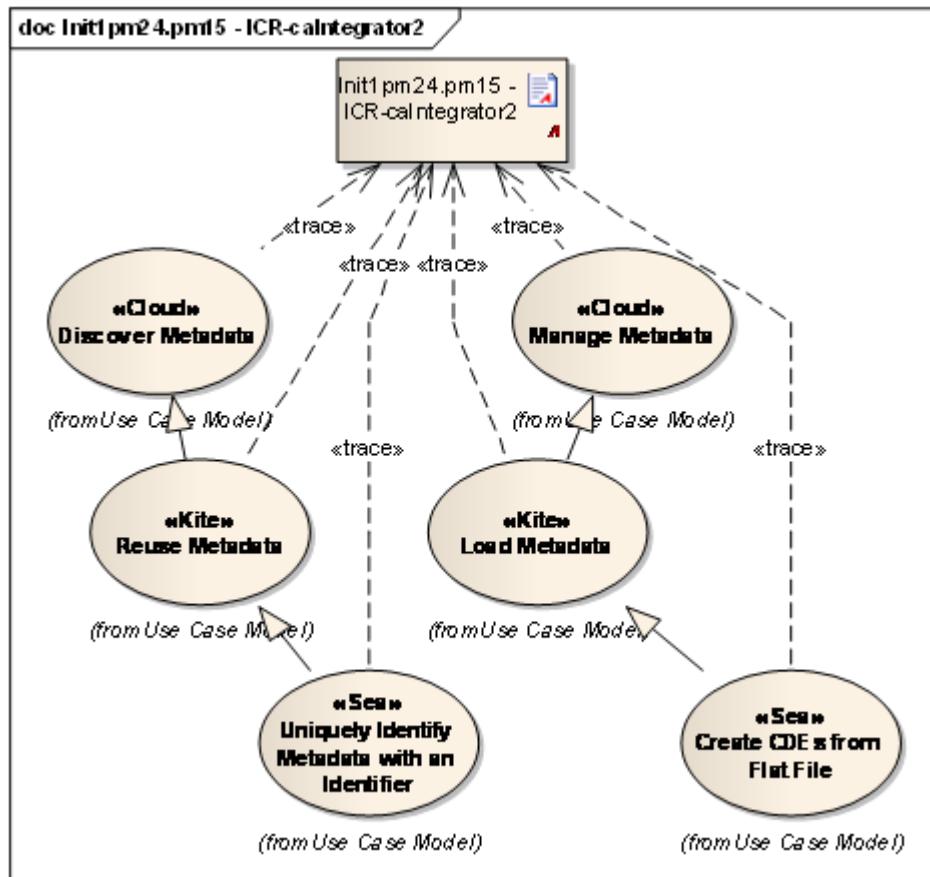


Figure: 40

Init1pm24.pm15 - ICR-caIntegrator2

Type:**Artifact****Status:**

Proposed. Version 1.0. Phase 1.0.

Package:Init1pm24.pm15 - ICR-caIntegrator2 **Keywords:****Detail:**

Created on 6/9/2010. Last modified on 6/9/2010.

GUID:

{2E551FE5-9D06-45de-A747-651B9CFC18EE}

Custom Properties

- fileName =

Associated Files

- Local File <https://wiki.nci.nih.gov/x/wH9yAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
Trace Source -> Destination	Public Uniquely Identify Metadata with an Identifier	Public Init1pm24.pm15 - ICR-caIntegrator2	
Trace Source -> Destination	Public Create CDEs from Flat File	Public Init1pm24.pm15 - ICR-caIntegrator2	
Trace Source -> Destination	Public Reuse Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
Trace Source -> Destination	Public Load Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	

Init1pm3.pm27 - Search for semantics from different View points

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {6E6B4466-851B-4c49-B0D2-2A1094F2554B}

Init1pm3.pm27 - Search for semantics from different View points - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {E6F50863-8488-4f18-867A-1A33788C6270}

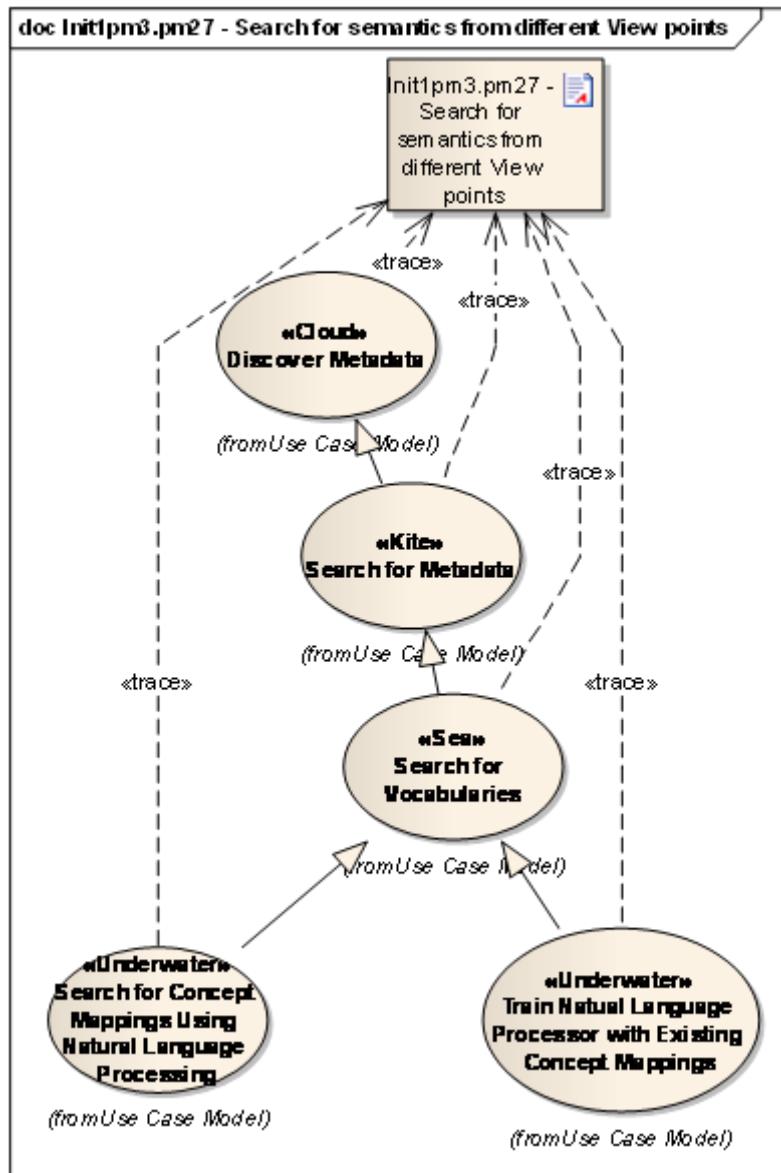


Figure: 41

Init1pm3.pm27 - Search for semantics from different View points

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init1pm3.pm27 - Search for semantics from different View points **Keywords:**

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {87E71BCF-B02F-402d-A24C-F2B806000C58}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/hZZ-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Train Natural Language Processor with Existing Concept Mappings	Public Init1pm3.pm27 - Search for semantics from different View points	
Trace Source -> Destination	Public Search for Concept Mappings Using Natural Language Processing	Public Init1pm3.pm27 - Search for semantics from different View points	
Trace Source -> Destination	Public Search for Vocabularies	Public Init1pm3.pm27 - Search for semantics from different View points	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm3.pm27 - Search for semantics from different View points	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm3.pm27 - Search for semantics from different View points	

Init1pm4.pm29 - Cross-cutting semantic searches

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {200CB790-4211-4361-9C26-C20FAF507FFF}

Init1pm4.pm29 - Cross-cutting semantic searches - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. Locked: False
GUID: {2147B398-EE4A-4f64-9D24-AC7631AD853B}

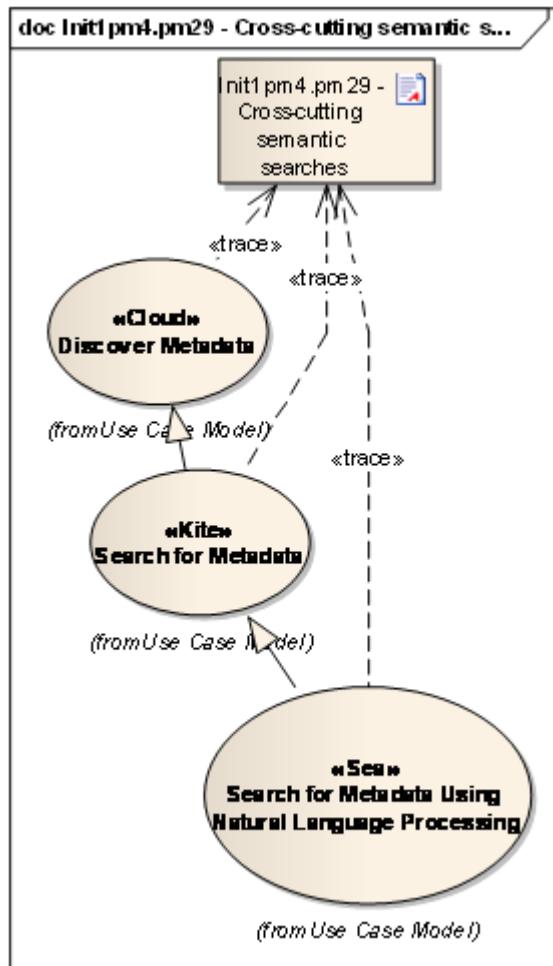


Figure: 42

Init1pm4.pm29 - Cross-cutting semantic searches

Type: [Artifact](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init1pm4.pm29 - Cross-cutting semantic searches **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {5A8B26AD-0E46-41f3-98CD-167EE2AED1C1}

[Custom Properties](#)

- fileName =

[Associated Files](#)

- Web Address <https://wiki.nci.nih.gov/x/iZZ-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Search for Metadata Using Natural Language Processing	Public Init1pm4.pm29 - Cross-cutting semantic searches	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm4.pm29 - Cross-cutting semantic searches	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm4.pm29 - Cross-cutting semantic searches	

Init1pm5.pm2 - Data rollback functionality

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/7/2010. Last modified on 6/7/2010*
GUID: {6B9B7DD9-9E6B-4972-B85C-237F72B52175}

Init1pm5.pm2 - Data rollback functionality - (Documentation diagram)

Created By: Administrator on 6/7/2010
Last Modified: 6/7/2010
Version: 1.0. **Locked:** False
GUID: {BE1B251E-F1C7-446d-B51E-0A50B71B753F}

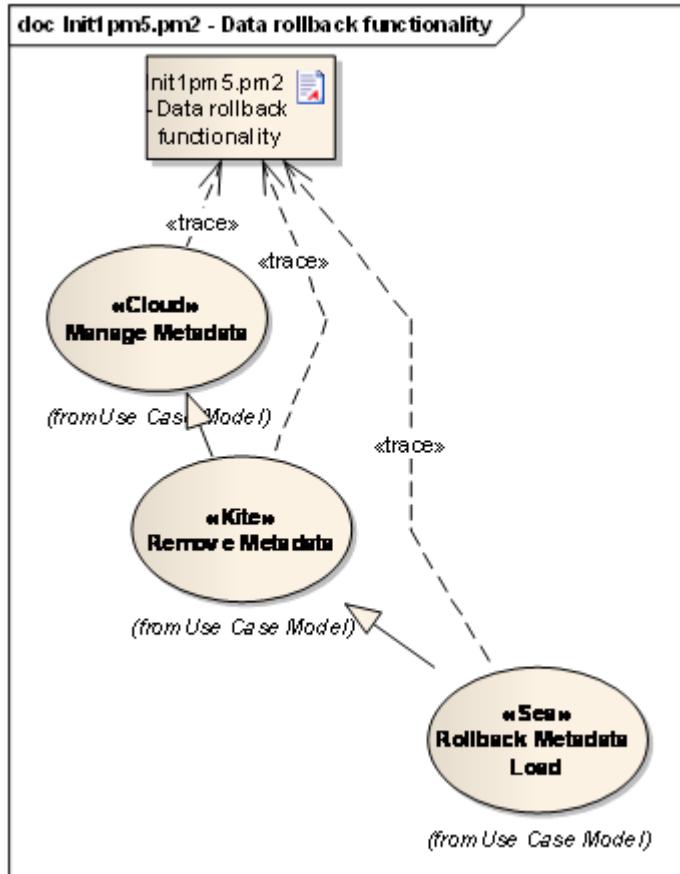


Figure: 43

Init1pm5.pm2 - Data rollback functionality

Type:

Artifact

Status:

Proposed. Version 1.0. Phase 1.0.

Package:

Init1pm5.pm2 - Data rollback functionality

Detail:

Created on 6/7/2010. Last modified on 6/7/2010.

GUID:

{6355D8BF-2A58-4e84-BEC4-7F5AD922906E}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/oxJyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Remove Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Rollback Metadata Load	Public Init1pm5.pm2 - Data rollback functionality	

Init1pm9.pm16 - Automate

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: Created on 6/9/2010. Last modified on 6/9/2010
GUID: {41284F1D-05E3-4fc9-846C-E750F14FAE78}

Init1pm9.pm16 - Automate - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. [Locked](#): False
GUID: {5390E95E-BBC4-4071-9BE3-C49672EAF6ED}

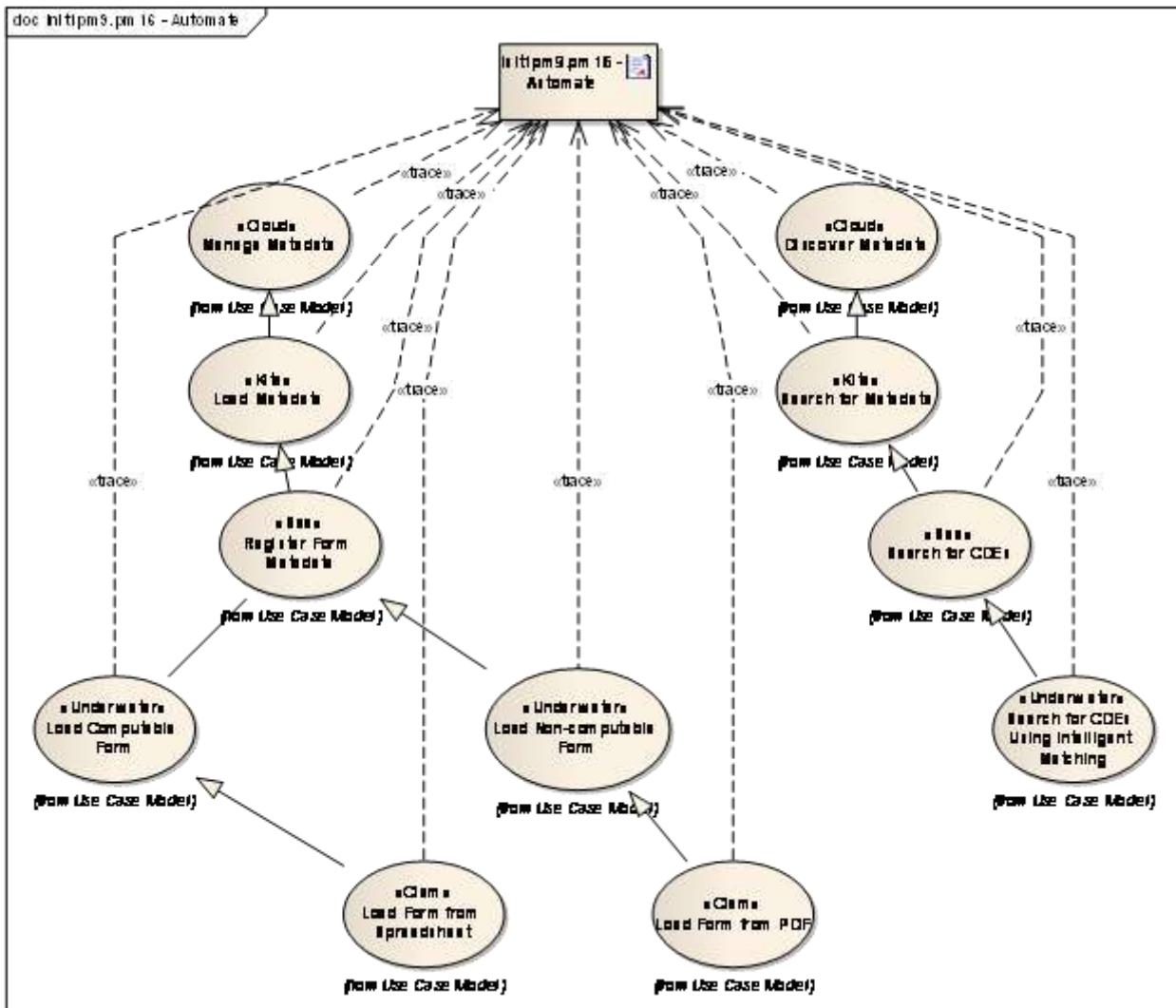


Figure: 44

Init1pm9.pm16 - Automate

Type: **Artifact**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Init1pm9.pm16 - Automate **Keywords:**
 Detail: Created on 6/9/2010. Last modified on 6/9/2010.
 GUID: {FD48997D-69DA-4399-83F5-C7A89B5E9476}

Custom Properties

- fileName =

Associated Files

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/C4B9AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Computable Form	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Load Non-computable Form	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Register Form Metadata	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Search for CDEs Using Intelligent Matching	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Search for CDEs	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Load Form from Spreadsheet	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Load Form from PDF	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Load Metadata	Public Init1pm9.pm16 - Automate	

Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceablity Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {CBACEBF6-537A-46c0-9DFE-67F38A3B2268}

Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {CE71846E-0608-442f-8878-00174E37BB23}

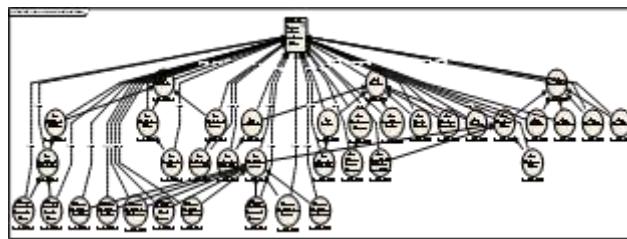


Figure: 45

Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows

Type: Artifact
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {AFC77431-D169-48fc-B8CD-B869919EA953}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/JZF9AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Metadata	Public Init3dbw2.pm21 - Provenance metadata to support Semantic	

Connector	Source	Target	Notes
		Workflows	
Trace Source -> Destination	Public Define Workflow Computational Constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Define Workflow constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Fetch Intermediate Workflow Results	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Store Intermediate Workflow Results	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Version Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Manage Security Access to Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Dynamically Create a Data Store	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Define Workflow Analytical Parameters	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Define Workflow Desired Operations	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Define Workflow Time Constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Define Workflow Storage Constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Define Workflow Data Query Parameters	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Define Workflow Desired Input	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Define Workflow Desired Output	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Manage Data Ownership	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Share Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Share Dynamic Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Model Research Methodology	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Store Workflow Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Manage Dynamic Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Run Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Generate Runnable Workflow from Dynamic Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Version Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Validate Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Manage Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Link Data to Provenance Information	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u> Source -> Destination	Public Fetch Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
<u>Trace</u>	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Manage Data	Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Extend Analytical Provenance Model	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Extend Algorithm Metadata	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Model Analytical Provenance	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Model Algorithm Metadata	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Associate Study Design Data Elements	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Associates Input Parameter Data Elements	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Extend Research Methodology Model	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Trace Source -> Destination	Public Manage Provenance Information	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Init4hm1 - RDF triple store backend for LexEVS

Type: [Package](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/14/2010. Last modified on 6/14/2010*
GUID: {5F287A93-E093-4d58-A22E-907568CD11D0}

Init4hm1 - RDF triple store backend for LexEVS - (Documentation diagram)

Created By: Administrator on 6/14/2010
Last Modified: 6/14/2010
Version: 1.0. [Locked](#): False
GUID: {89E02D99-93EE-4871-9A78-3BECC6AB9EAF}

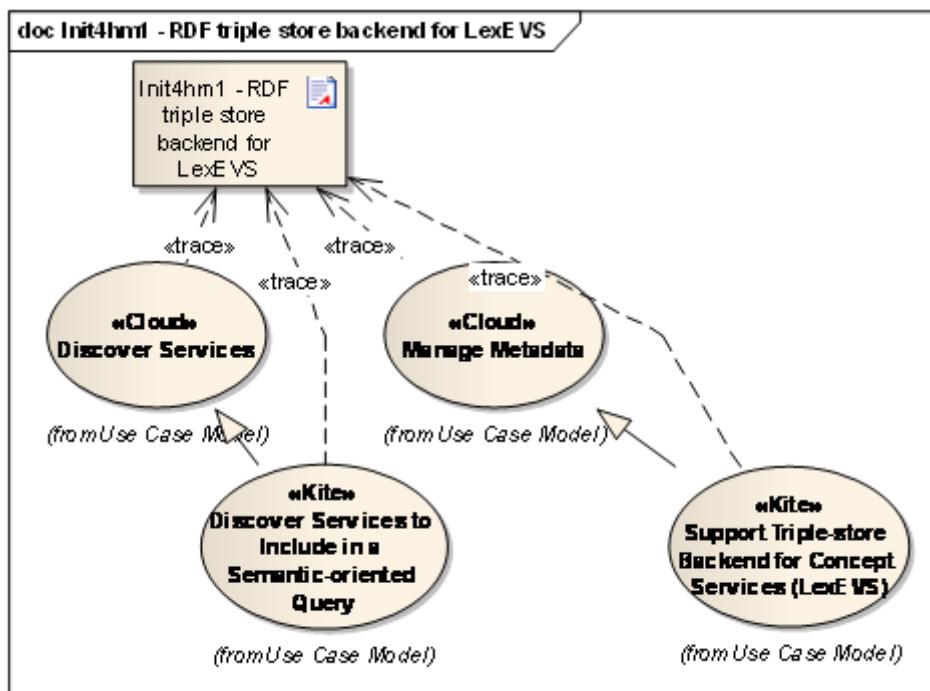


Figure: 46

Init4hm1 - RDF triple store backend for LexEVS

Type: [Artifact](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Init4hm1 - RDF triple store backend for LexEVS **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {CA05D33A-2D57-44a3-BB59-AD789D802E12}

Custom Properties

Custom Properties

- fileName =

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Metadata	Public Init4hm1 - RDF triple store backend for LexEVS	
Trace Source -> Destination	Public Support Triple-store Backend for Concept Services (LexEVS)	Public Init4hm1 - RDF triple store backend for LexEVS	
Trace Source -> Destination	Public Discover Services	Public Init4hm1 - RDF triple store backend for LexEVS	
Trace Source -> Destination	Public Discover Services to Include in a Semantic-oriented Query	Public Init4hm1 - RDF triple store backend for LexEVS	

Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {D96E9187-1E60-4425-A353-F8F4A471A97D}

Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {DD81EE73-C59F-43c8-A9E2-74F89766FDF0}

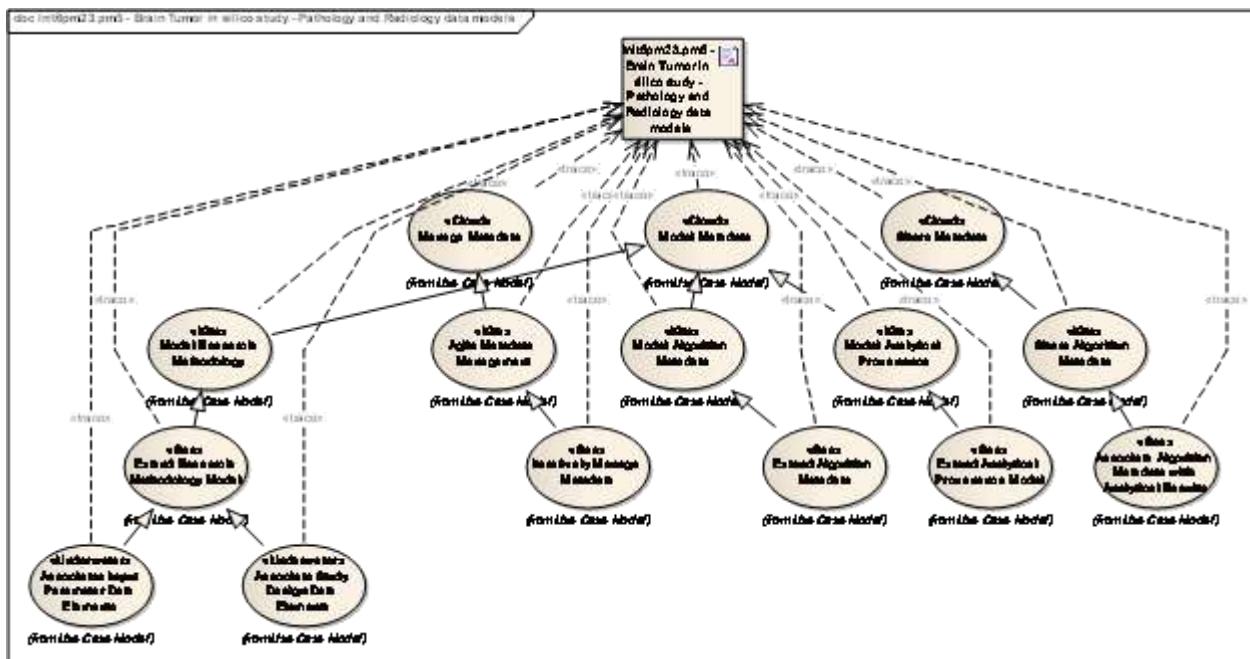


Figure: 47

Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models

Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {420B4049-1E1A-4b48-BB93-2CADD0D372E}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/3wpyAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Associates Input Parameter Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

Connector	Source	Target	Notes
		Radiology data models	
Trace Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Share Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Share Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Analytical Provenance Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Analytical Provenance	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Associate Study Design Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Research Methodology Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Research Methodology	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Iteratively Manage Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Agile Metadata Management	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Manage Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

Init8pm25.pm24 - Support for Reusable Modules of Forms

Type: **Package**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Traceablity Model

Detail: Created on 6/9/2010. Last modified on 6/9/2010

GUID: {19394B5B-38C5-4f83-AB8F-04219FE01162}

Init8pm25.pm24 - Support for Reusable Modules of Forms - (Documentation diagram)

Created By: Administrator on 6/9/2010

Last Modified: 6/9/2010

Version: 1.0. Locked: False

GUID: {700B501A-E0A3-48c8-A4CE-605DC687DDBC}

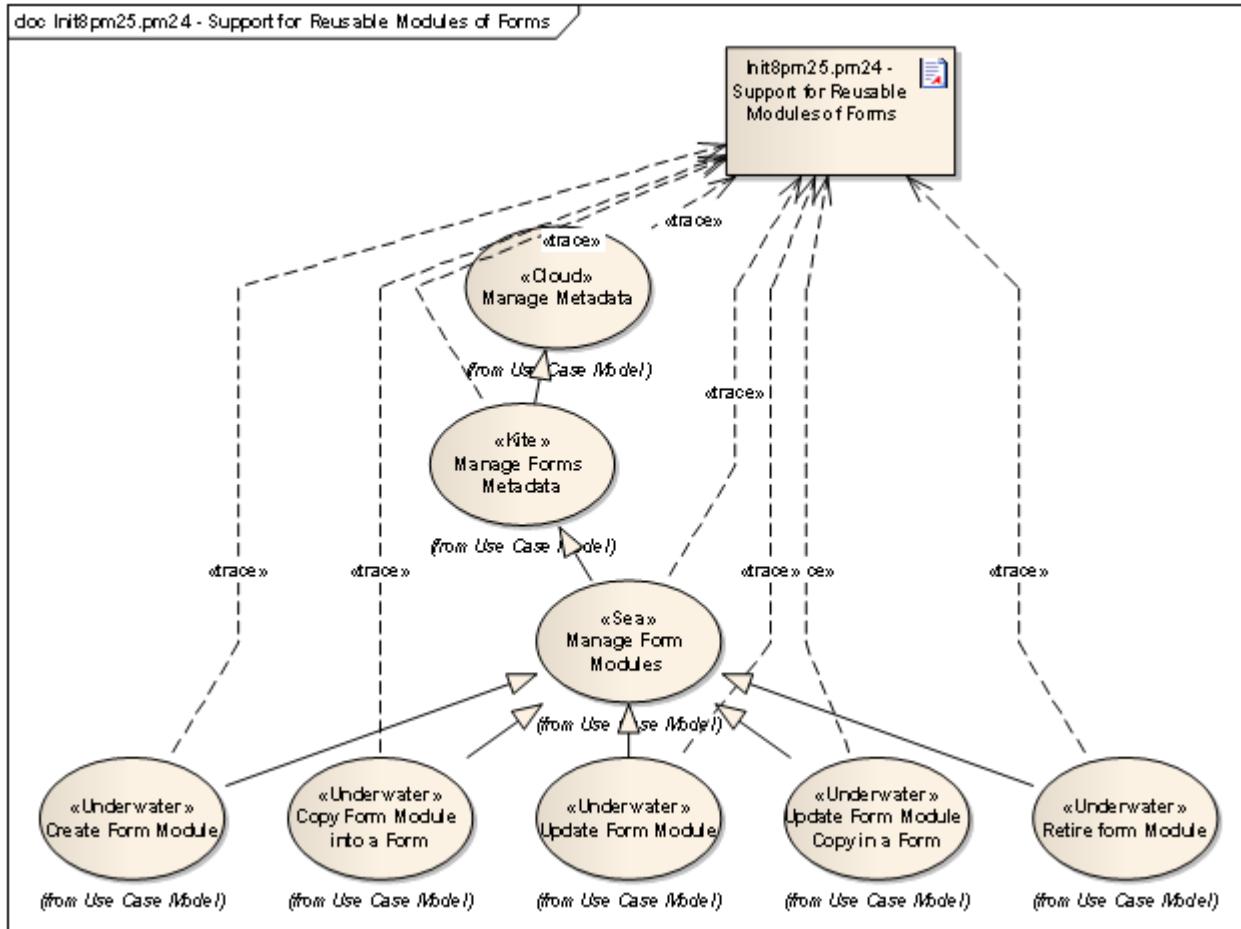


Figure: 48

Init8pm25.pm24 - Support for Reusable Modules of Forms

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Init8pm25.pm24 - Support for Reusable Modules of Forms

Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {281EBABF-FA2F-4a95-885C-C0D3197F0DF8}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/c4F-AQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Update Form Module Copy in a Form	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Update Form Module	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Copy Form Module into a Form	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Create Form Module	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Manage Form Modules	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Manage Metadata	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Retire form Module	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Trace Source -> Destination	Public Manage Forms Metadata	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	

InitotherSD75 - TCGA-Integration

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: Created on 6/14/2010. Last modified on 6/14/2010
GUID: {F2D773E2-414A-4049-941D-35540D352534}

InitotherSD75 - TCGA-Integration - (Documentation diagram)

Created By: Administrator on 6/14/2010
Last Modified: 6/14/2010
Version: 1.0. *Locked:* False
GUID: {026FBBA4-09A0-4dc9-9BE0-6217FB886FF0}

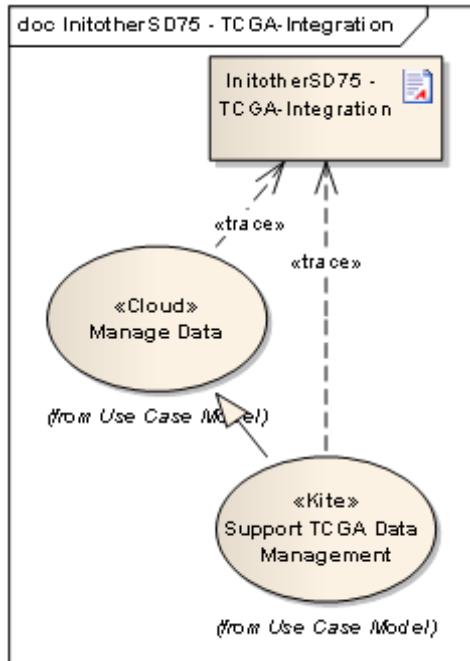


Figure: 49

InitotherSD75 - TCGA-Integration

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: InitotherSD75 - TCGA-Integration *Keywords:*
Detail: Created on 6/14/2010. Last modified on 6/14/2010.
GUID: {015FDE3C-0703-4481-9A7F-27466697D248}

Custom Properties

- fileName =

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Data	Public InitotherSD75 - TCGA- Integration	
Trace Source -> Destination	Public Support TCGA Data	Public InitotherSD75 - TCGA-	

Connector	Source	Target	Notes
	Management	Integration	

Otherhm1.pm12 - Generation of Forms

Type:	<u>Package</u>
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Traceability Model
Detail:	<i>Created on 6/9/2010. Last modified on 6/9/2010</i>
GUID:	{7644E2FB-9F8D-4531-A0DA-1F98A7818F59}

Otherhm1.pm12 - Generation of Forms - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. *Locked:* False
GUID: {98FE4228-17DA-4bbd-B69A-B74DA23157C1}

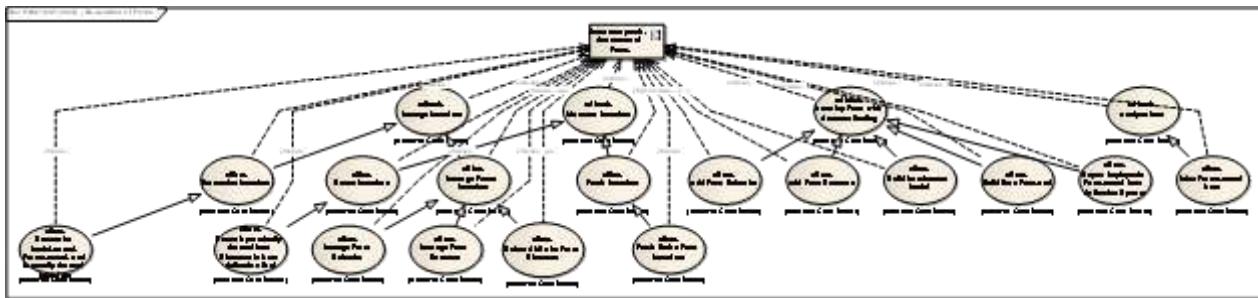


Figure: 50

Otherhm1.pm12 - Generation of Forms

Type:	<u>Artifact</u>
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Otherhm1.pm12 - Generation of Forms
Detail:	<i>Created on 6/9/2010. Last modified on 6/9/2010.</i>
GUID:	{12FF77CA-441A-44fc-B893-5BDD842E879E}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/ZoB9AQ>

Connections

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Harmonize Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Manage Form Behavior	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Manage Forms Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Reuse Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Harmonize Model- based, Forms-based, and Manually Curated Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Discover Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Add Form Behavior	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Develop Form with Common Tooling	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Fetch Entire Form Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Fetch Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Select CDEs for Form Elements	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Otherhm1.pm12 - Generation of Forms	
<u>Trace</u>	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Manage Form Structure	Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Build Persistence Model	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Build Web Front-end	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Export Deployable Form-based Data Collection System	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Analyze Data	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Mine Forms-based Data	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Add Form Structure	Public Otherhm1.pm12 - Generation of Forms	

Otherhm2.pm13 - Forms Annotations

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {C3949484-4461-4121-B83C-786A7FFF06D4}

Otherhm2.pm13 - Forms Annotations - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {2EB84B1F-B83C-4225-88E2-0D85CBD0406A}

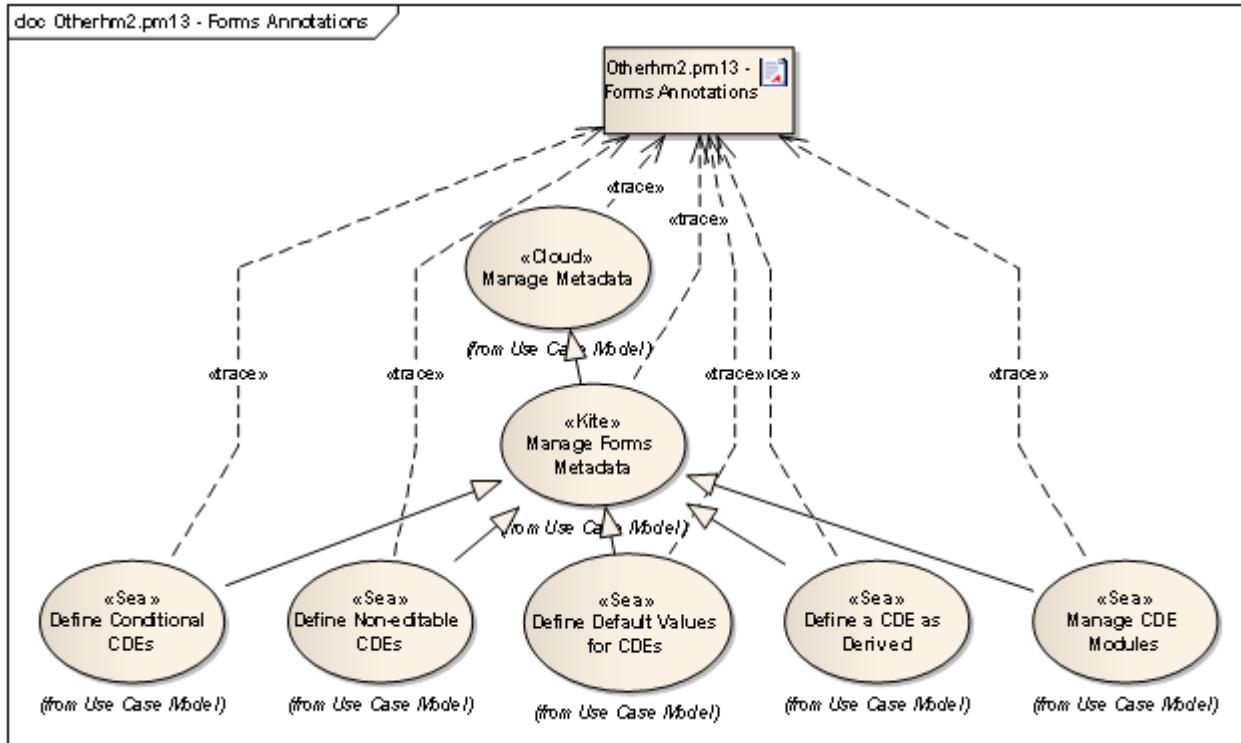


Figure: 51

Otherhm2.pm13 - Forms Annotations

Type: **Artifact**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Otherhm2.pm13 - Forms Annotations **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {491965EA-29CF-4377-8693-53EE106E5657}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/-W1yAQ>

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define a CDE as Derived	Public Otherhm2.pm13 - Forms Annotations	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage CDE Modules	Public Otherhm2.pm13 - Forms Annotations	
Trace Source -> Destination	Public Define Default Values for CDEs	Public Otherhm2.pm13 - Forms Annotations	
Trace Source -> Destination	Public Define Non-editable CDEs	Public Otherhm2.pm13 - Forms Annotations	
Trace Source -> Destination	Public Define Conditional CDEs	Public Otherhm2.pm13 - Forms Annotations	
Trace Source -> Destination	Public Manage Forms Metadata	Public Otherhm2.pm13 - Forms Annotations	
Trace Source -> Destination	Public Manage Metadata	Public Otherhm2.pm13 - Forms Annotations	

init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Traceability Model
Detail: *Created on 6/9/2010. Last modified on 6/9/2010*
GUID: {BF37E9EE-26EB-438b-B255-09EA12875210}

init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions - (Documentation diagram)

Created By: Administrator on 6/9/2010
Last Modified: 6/9/2010
Version: 1.0. **Locked:** False
GUID: {51157B34-A193-4c3c-A6EC-B485BEF2472B}

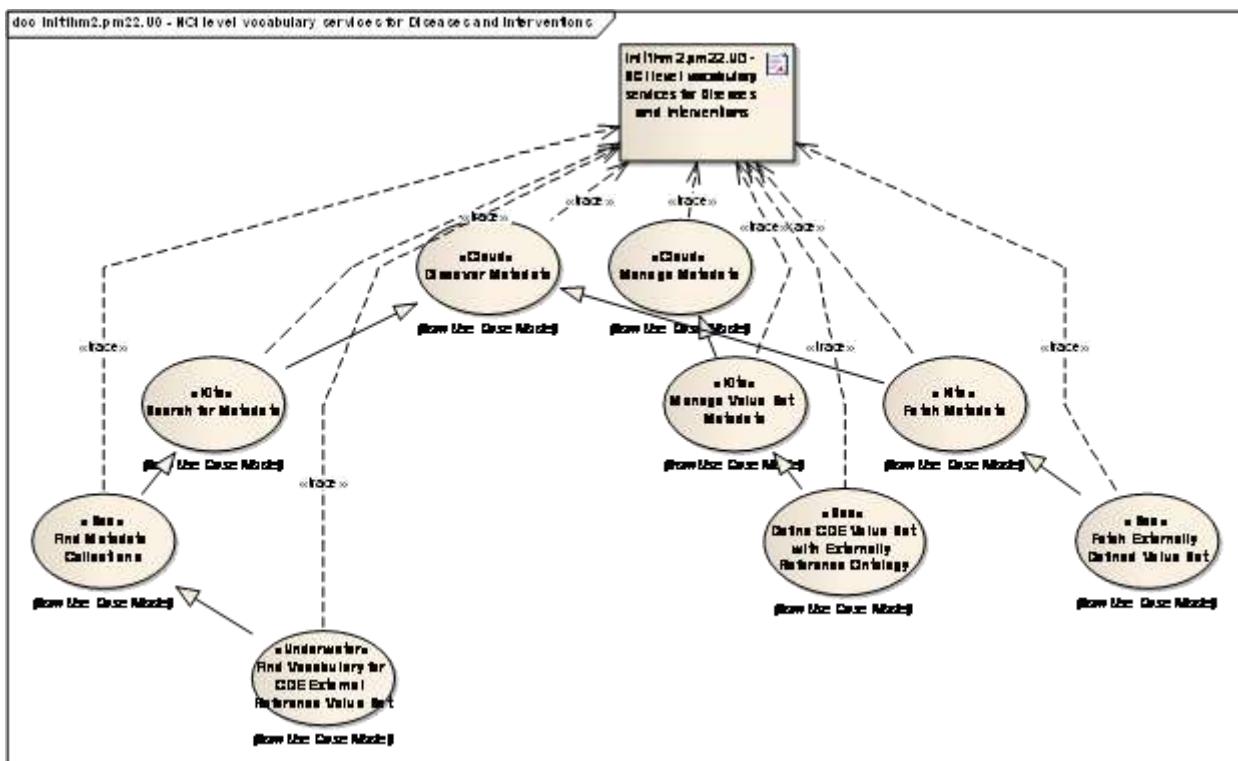


Figure: 52

init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions **Keywords:**

Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*

GUID: {ED17C8DE-D23D-42fe-8563-9E833D86E49A}

Custom Properties

- fileName =

Associated Files

- Web Address <https://wiki.nci.nih.gov/x/R5F9AQ>

Connections

Connector	Source	Target	Notes
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Discover Metadata	init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Manage Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Fetch Externally Defined Value Set	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Define CDE Value Set with Externally Reference Ontology	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Manage Value Set Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Find Vocabulary for CDE External Reference Value Set	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Search for Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Find Metadata Collections	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Fetch Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	

Use Case Model

Type: [Package](#)
Status: Proposed. Version . Phase 1.0.
Package: Model
Detail: *Created on 6/6/2010. Last modified on 6/6/2010*
GUID: {F94ED43F-8AE3-48f7-A911-F4A6269C0096}

[Use Case Model](#) - (*Use Case diagram*)

Created By: Administrator on 6/6/2010
Last Modified: 6/14/2010
Version: 1.0. **Locked:** False
GUID: {F53F0277-52F4-4adc-B8CD-1AC23BA2BD31}

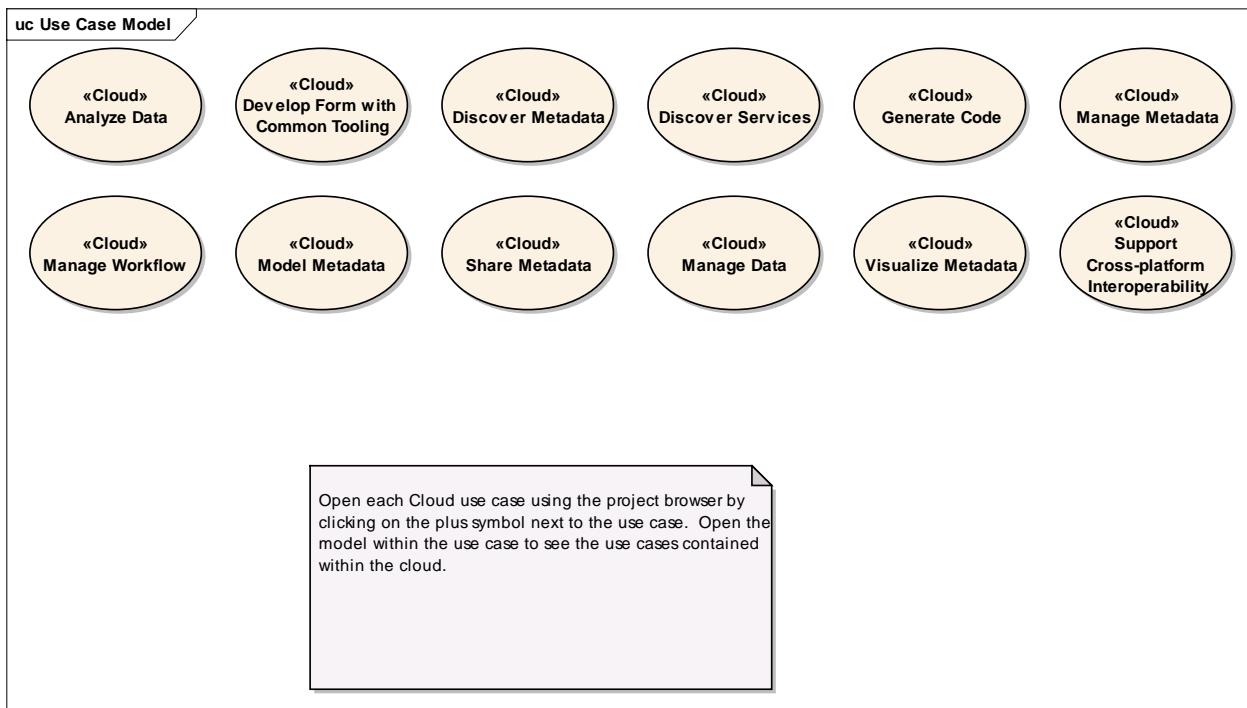


Figure: 53

Analyze Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {DA3AFA30-1369-4d40-9BA8-4C866F4E6B31}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Analyze Data	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Analyze Data	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Generalization Source -> Destination	Public Evaluate Structured Eligibility Criteria	Public Analyze Data	
Trace Source -> Destination	Public Analyze Data	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Mine Forms-based Data	Public Analyze Data	
Generalization Source -> Destination	Public Support Statistical Computing Analysis	Public Analyze Data	
Trace Source -> Destination	Public Analyze Data	Public Init1SD40 - Statistical computing environment and sharable metadata for statistical practice	

Use Case diagram: Analyze Data

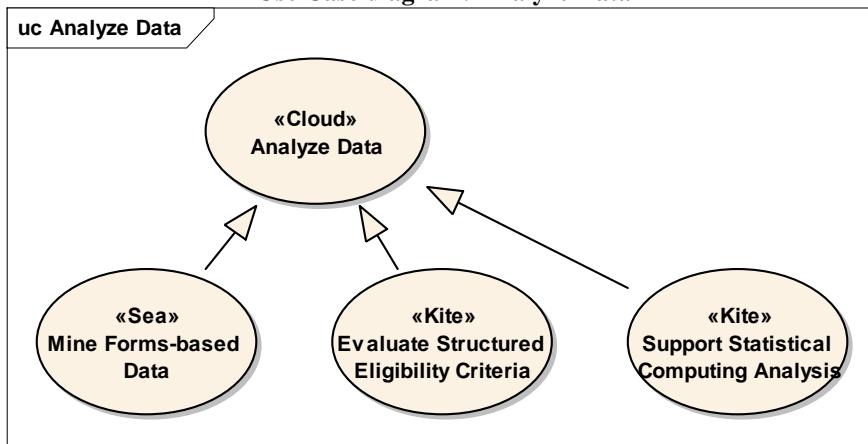


Figure: 54

Evaluate Structured Eligibility Criteria

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {47163E6D-55EE-4995-ADCC-F61AF1BD5286}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Evaluate Structured Eligibility Criteria	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Generalization Source -> Destination	Public Evaluate Structured Eligibility Criteria	Public Analyze Data	

Mine Forms-based Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {BF21E270-A91F-4327-AC47-4A67DC726429}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Mine Forms-based Data	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Mine Forms-based Data	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Mine Forms-based Data	Public Analyze Data	

Support Statistical Computing Analysis

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {65816DF9-4292-481d-A58C-BBE3CEF9BE35}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Support Statistical Computing Analysis	Public Analyze Data	
Trace Source -> Destination	Public Support Statistical Computing Analysis	Public Init1SD40 - Statistical computing environment and sharable metadata for statistical practice	

Develop Form with Common Tooling

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {E27EC30C-C7C7-4b3b-985D-5C66865E8C25}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Develop Form with Common Tooling	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Develop Form with Common Tooling	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Build Web Front-end	Public Develop Form with Common Tooling	
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Export Deployable Form-based Data Collection System	Develop Form with Common Tooling	
Generalization Source -> Destination	Public Build Persistence Model	Public Develop Form with Common Tooling	
Generalization Source -> Destination	Public Add Form Structure	Public Develop Form with Common Tooling	
Generalization Source -> Destination	Public Add Form Behavior	Public Develop Form with Common Tooling	

Use Case diagram: Develop Form with Common Tooling

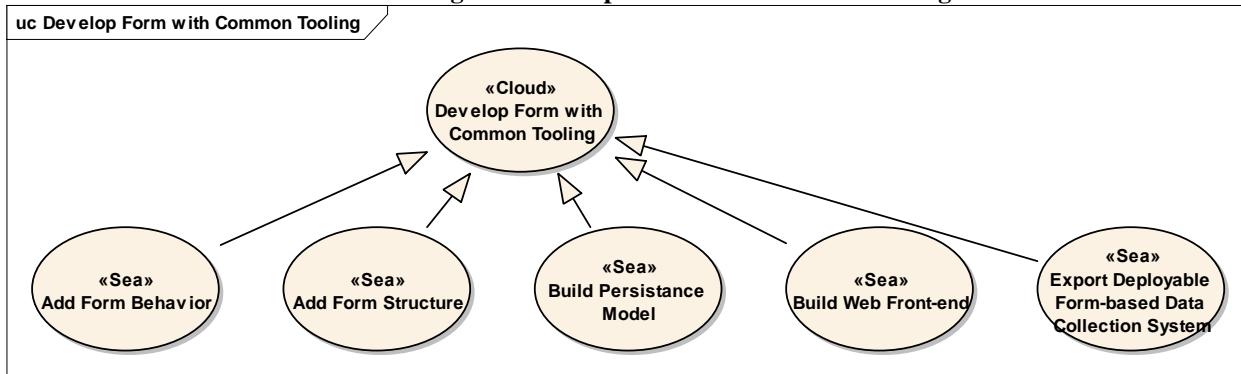


Figure: 55

Add Form Behavior

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model
 Keywords:
 Detail: Created on 6/6/2010. Last modified on 6/6/2010.
 G UID: {4D78541B-7DB6-4ef2-B898-829C29124A8F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Form Behavior	Public Otherhm1.pm12 - Generation of Forms	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Add Form Behavior	Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Add Form Behavior	Public Develop Form with Common Tooling	

Add Form Structure

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {9B1B6729-14FC-4947-B562-6D59C4B58650}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Form Structure	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Add Form Structure	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Add Form Structure	Public Develop Form with Common Tooling	

Build Persistence Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {46F4743A-E2A7-437e-AF10-1678D0AF4A38}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Build Persistence Model	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Build Persistence Model	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Build Persistence Model	Public Develop Form with Common Tooling	

Build Web Front-end

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {F2DDEA95-21F8-49d4-A610-2B6F9396EF60}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Build Web Front-end	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Build Web Front-end	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Build Web Front-end	Public Develop Form with Common Tooling	

Export Deployable Form-based Data Collection System

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*

GUID: {3944CD70-8A18-4db0-B5D2-19FE08A53AC5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Export Deployable Form-based Data Collection System	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Export Deployable Form-based Data Collection System	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Export Deployable Form-based Data Collection System	Public Develop Form with Common Tooling	

Discover Metadata

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {55B7E8B7-6334-4c28-8776-18EC5AB50E70}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Discover Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Discover Metadata	Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Discover Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Discover Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Interoperate on Datatypes	Public Discover Metadata	
Generalization Source -> Destination	Public Exchange Data Defined by Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Search for Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Fetch Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Reuse Metadata	Public Discover Metadata	
Trace Source -> Destination	Public Discover Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Discover Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Metadata	Public Init1pm4.pm29 - Cross-cutting semantic searches	
Trace Source -> Destination	Public Discover Metadata	Public Init1pm3.pm27 - Search for semantics from different View points	

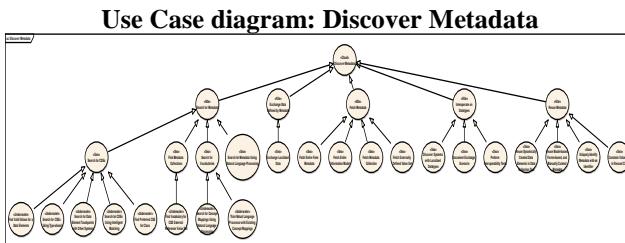


Figure: 56

Exchange Data Defined by Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {A46EFDEE-710A-444a-B32B-9FB73CAD6627}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Exchange Localized Data	Public Exchange Data Defined by Metadata	
Generalization Source -> Destination	Public Exchange Data Defined by Metadata	Public Discover Metadata	

Exchange Localized Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/6/2010.

GUID: {C387EF4A-8BD4-4076-9E70-8C01C7B41368}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Exchange Localized Data	Public Exchange Data Defined by Metadata	

Fetch Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {BE66181E-A9FE-4634-A138-6E88350130B5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Fetch Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Fetch Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Fetch Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Generalization Source -> Destination	Public Fetch Externally Defined Value Set	Public Fetch Metadata	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Fetch Metadata	Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Fetch Metadata Collection	Public Fetch Metadata	
Generalization Source -> Destination	Public Fetch Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Fetch Entire Information Model	Public Fetch Metadata	
Generalization Source -> Destination	Public Fetch Entire Form Metadata	Public Fetch Metadata	
Trace Source -> Destination	Public Fetch Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	

Fetch Entire Form Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {DF132907-40C5-4fd4-8AEC-2423DBEB3FD5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Entire Form Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Fetch Entire Form Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Fetch Entire Form Metadata	Public Fetch Metadata	

Fetch Entire Information Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {F4D0E7BA-EB6A-40b0-BDCF-ED7D5E2AE546}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Fetch Entire Information Model	Public Fetch Metadata	

Fetch Externally Defined Value Set

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {B5E5FF6A-50DC-4663-B473-F5B4E26DBF32}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Fetch Externally Defined Value Set	Public Fetch Metadata	
Trace Source -> Destination	Public Fetch Externally Defined Value Set	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Fetch Externally Defined Value Set	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	

Connector	Source	Target	Notes

Fetch Metadata Collection

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {10B2A57C-1E84-4683-9752-41CDE2EE67BF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Metadata Collection	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Fetch Metadata Collection	Public Fetch Metadata	

Interoperate on Datatypes

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {3C7CEFC0-A3D5-4900-A3EF-4375A383D756}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Interoperate on Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Discover Systems with Localized Datatypes	Public Interoperate on Datatypes	
Generalization Source -> Destination	Public Interoperate on Datatypes	Public Discover Metadata	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Perform Interoperability Tests	Public Interoperate on Datatypes	
Generalization Source -> Destination	Public Document Exchange Scenario	Public Interoperate on Datatypes	

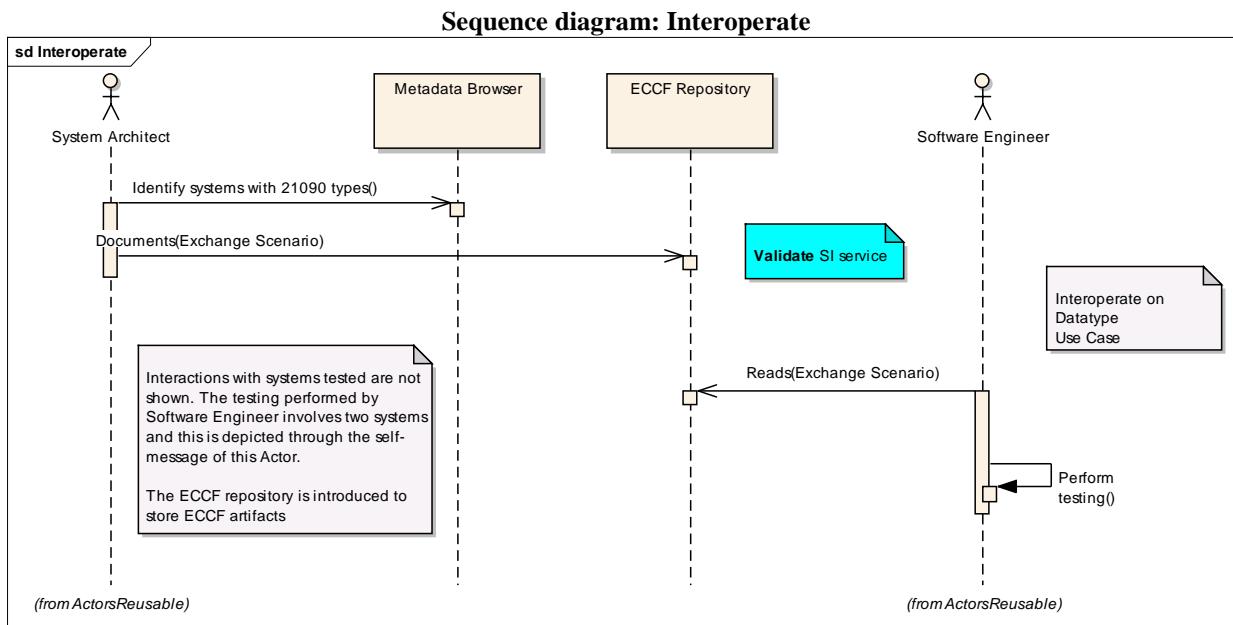


Figure: 57

Discover Systems with Localized Datatypes

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {9E47EB2B-D6FC-4edb-B26B-51DEE0675D22}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Systems with Localized Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Discover Systems with	Public Interoperate on	

Connector	Source	Target	Notes
	Localized Datatypes	Datatypes	

Document Exchange Scenario

Type: [UseCase](#)
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 6/10/2010. Last modified on 6/10/2010.
 G UID: {6B4DB03A-F786-47e3-9990-7C8F54EF9494}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Document Exchange Scenario	Public Interoperate on Datatypes	

Perform Interoperability Tests

Type: [UseCase](#)
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 6/10/2010. Last modified on 6/10/2010.
 G UID: {5D8BD438-F16A-4cef-A762-CE18A606EE75}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Perform Interoperability Tests	Public Interoperate on Datatypes	

Reuse Metadata

Type: [UseCase](#)
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model Keywords:
 Detail: Created on 6/6/2010. Last modified on 6/6/2010.
 G UID: {215A702E-AB3D-4f36-886B-6361925C3DF9}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Reuse Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Reuse Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Reuse Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Uniquely Identify Metadata with an Identifier	Public Reuse Metadata	
Trace Source -> Destination	Public Reuse Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
Generalization Source -> Destination	Public Reuse Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Reuse Metadata	
Generalization Source -> Destination	Public Reuse Model-based, Forms-based, and Manually Curated Metadata	Public Reuse Metadata	
Trace Source -> Destination	Public Reuse Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Generalization Source -> Destination	Public Constrain Value Set in Reused CDE	Public Reuse Metadata	

Constrain Value Set in Reused CDE

Type:

UseCase

Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 6/10/2010. Last modified on 6/10/2010.*
GUID: {898CA382-24B5-4d55-82BA-42D6ACE074FF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Constrain Value Set in Reused CDE	Public Init1hm1.pm25 - ICR IRWG requirements	
Generalization Source -> Destination	Public Constrain Value Set in Reused CDE	Public Reuse Metadata	

Reuse Dynamically Created Data Elements in Data Collection Tool

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {CF38E745-268E-4fd7-84F4-63E24D998CFC}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Reuse Dynamically Created Data Elements in Data Collection Tool	Public Reuse Metadata	

Connector	Source	Target	Notes

Reuse Model-based, Forms-based, and Manually Curated Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {B1F848CF-DC9E-486f-BBA5-D2482CA5AFE3}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Reuse Model-based, Forms-based, and Manually Curated Metadata	Public Reuse Metadata	

Uniquely Identify Metadata with an Identifier

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {A0A65959-3C23-4a05-9F5D-839D688AF9EF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Uniquely Identify Metadata with an Identifier	Public Reuse Metadata	
Trace Source -> Destination	Public Uniquely Identify Metadata with an Identifier	Public Init1pm24.pm15 - ICR- caIntegrator2	

Search for Metadata

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {B59C3A29-0136-4d3e-88BC-C236C16F422D}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Search for Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Find Metadata Collections	Public Search for Metadata	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Search for Metadata	Public Discover Metadata	
Generalization Source -> Destination	Public Search for CDEs	Public Search for Metadata	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Search for Vocabularies	Public Search for Metadata	
Trace Source -> Destination	Public Search for Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm4.pm29 - Cross- cutting semantic searches	
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Search for Metadata Using Natural Language Processing	Search for Metadata	
Trace Source -> Destination	Public Search for Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Search for Metadata	Public Init1pm3.pm27 - Search for semantics from different View points	

Find Metadata Collections

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {87DDC111-29CD-4a6f-BB0E-667C57A6D5DE}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Find Metadata Collections	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Find Metadata Collections	Public Search for Metadata	
Generalization Source -> Destination	Public Find Vocabulary for CDE External Reference Value Set	Public Find Metadata Collections	
Trace Source -> Destination	Public Find Metadata Collections	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	

Search for CDEs

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**

Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {A6618348-BE5C-47a0-825B-1C6CE6633DD1}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search for CDEs Using Type-ahead	Public Search for CDEs	
Trace Source -> Destination	Public Search for CDEs	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Search for CDEs	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Search for CDEs	Public Search for Metadata	
Trace Source -> Destination	Public Search for CDEs	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Find Valid Values for a Data Elements	Public Search for CDEs	
Generalization Source -> Destination	Public Search for Data Element Touchpoints with Other Systems	Public Search for CDEs	
Generalization Source -> Destination	Public Search for CDEs Using Intelligent Matching	Public Search for CDEs	
Trace Source -> Destination	Public Search for CDEs	Public Init1hm1.pm25 - ICR IRWG requirements	
Generalization Source -> Destination	Public Find Preferred CDE for Class	Public Search for CDEs	

Find Preferred CDE for Class

Type:	UseCase
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Use Case Model Keywords:
Detail:	<i>Created on 6/10/2010. Last modified on 6/10/2010.</i>
GUID:	{20F79518-4D9C-4cbd-B5F7-030F61046DC3}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Find Preferred CDE for Class	Public Init1hm1.pm25 - ICR IRWG requirements	
Generalization Source -> Destination	Public Find Preferred CDE for Class	Public Search for CDEs	

Find Valid Values for a Data Elements

Type:	UseCase
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Use Case Model Keywords:
Detail:	<i>Created on 6/6/2010. Last modified on 6/6/2010.</i>
GUID:	{BF295EE5-312F-492a-A0A4-2FE062E7579D}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Find Valid Values for a Data Elements	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Find Valid Values for a Data Elements	Public Search for CDEs	

Search for CDEs Using Intelligent Matching

Type:	UseCase
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Use Case Model Keywords:
Detail:	<i>Created on 6/9/2010. Last modified on 6/9/2010.</i>
GUID:	{1AC3631D-0E5A-45d3-BCF0-BE9115A464CF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Search for CDEs Using Intelligent Matching	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Search for CDEs Using Intelligent Matching	Public Search for CDEs	

Search for CDEs Using Type-ahead**Type:** UseCase**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model **Keywords:****Detail:** *Created on 6/7/2010. Last modified on 6/9/2010.***GUID:** {844709F4-7A1E-4065-9BA0-E1387F22FD8F}**Connections**

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search for CDEs Using Type-ahead	Public Search for CDEs	
Trace Source -> Destination	Public Search for CDEs Using Type-ahead	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	

Search for Data Element Touchpoints with Other Systems**Type:** UseCase**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model **Keywords:****Detail:** *Created on 6/7/2010. Last modified on 6/9/2010.***GUID:** {455CE90A-2581-432e-AA8F-515753B5AE28}**Connections**

Connector	Source	Target	Notes
Trace Source -> Destination	Public Search for Data Element Touchpoints with Other Systems	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Search for Data Element Touchpoints with Other Systems	Public Search for CDEs	

Search for Metadata Using Natural Language Processing

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {C22827CF-2418-4b13-B56E-A8A2F9CD1301}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Search for Metadata Using Natural Language Processing	Public Init1pm4.pm29 - Cross- cutting semantic searches	
Generalization Source -> Destination	Public Search for Metadata Using Natural Language Processing	Public Search for Metadata	

Search for Vocabularies

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {8C34C86C-EDDE-430c-9654-345F1DEDE28E}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search for Vocabularies	Public Search for Metadata	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search for Concept Mappings Using Natural Language Processing	Public Search for Vocabularies	
Trace Source -> Destination	Public Search for Vocabularies	Public Init1pm3.pm27 - Search for semantics from different View points	
Generalization Source -> Destination	Public Train Natual Language Processor with Existing Concept Mappings	Public Search for Vocabularies	

Find Vocabulary for CDE External Reference Value Set

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {6F0A0730-323A-4412-9B64-3BC66BB70BA8}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Find Vocabulary for CDE External Reference Value Set	Public Find Metadata Collections	
Trace Source -> Destination	Public Find Vocabulary for CDE External Reference Value Set	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	

Search for Concept Mappings Using Natural Language Processing

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {D9D776AC-6DC8-41b9-86CB-ACC4FA5DBA9E}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Search for Concept Mappings Using Natural Language Processing	Public Search for Vocabularies	
Trace Source -> Destination	Public Search for Concept Mappings Using Natural Language Processing	Public Init1pm3.pm27 - Search for semantics from different View points	

Train Natual Language Processor with Existing Concept Mappings

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {0A853083-0318-4c40-887A-05D7CCB85409}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Train Natual Language Processor with Existing Concept Mappings	Public Init1pm3.pm27 - Search for semantics from different View points	
Generalization Source -> Destination	Public Train Natual Language Processor with Existing Concept Mappings	Public Search for Vocabularies	

Discover Services

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {30035076-E3C1-4df6-9A73-23C72E7F5C73}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Services	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Trace Source -> Destination	Public Discover Services	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Trace Source -> Destination	Public Discover Services	Public Init1pm10.pm20 - Expose underlying Tool functionality as Services	
Generalization Source -> Destination	Public Discover Semantic Infrastructure Services	Public Discover Services	
Generalization Source -> Destination	Public Discover Service to Fulfill Data Query	Public Discover Services	
Generalization Source -> Destination	Public Discover Services by Metadata Category	Public Discover Services	
Generalization Source -> Destination	Public Discover Service to Include in Workflow	Public Discover Services	
Generalization Source -> Destination	Public Discover Service Based on Data Information	Public Discover Services	
Generalization Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public Discover Services	
Generalization Source -> Destination	Public Discover Services for a Literature Query	Public Discover Services	
Trace Source -> Destination	Public Discover Services	Public Init4hm1 - RDF triple store backend for LexEVS	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Discover Services to Include in a Semantic-oriented Query	Public Discover Services	
Trace Source -> Destination	Public Discover Services	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

Use Case diagram: Discover Services

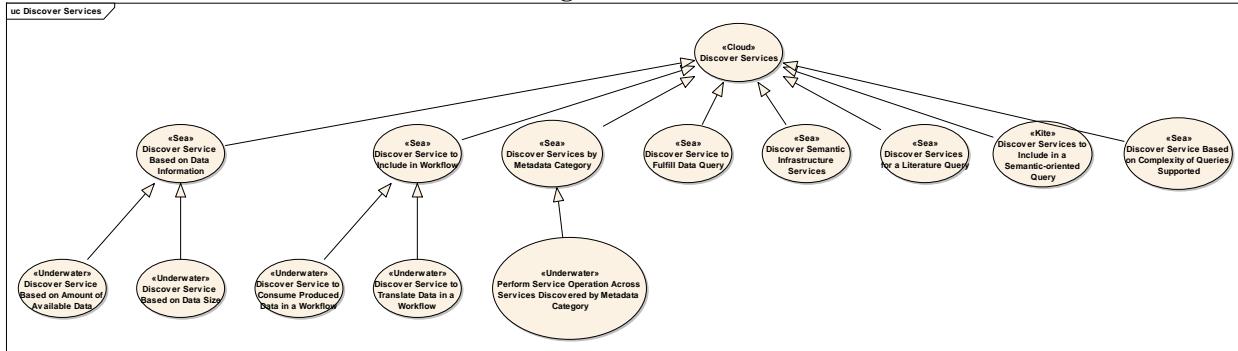


Figure: 58

Discover Semantic Infrastructure Services

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {587E9C75-A64B-436f-B898-0A8F08E3403B}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Semantic Infrastructure Services	Public Init1pm10.pm20 - Expose underlying Tool functionality as Services	
Generalization Source -> Destination	Public Discover Semantic Infrastructure Services	Public Discover Services	

Discover Service Based on Complexity of Queries Supported

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {A5A052E1-F954-42df-A2C6-CF49A965DF6F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Complexity of Queries Supported	Public Discover Services	

Discover Service Based on Data Information

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {8EE21CEB-D63D-4313-A653-5FFDBCA33CF7}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Data Information	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Data Size	Public Discover Service Based on Data Information	
Generalization Source -> Destination	Public Discover Service Based on Amount of Available Data	Public Discover Service Based on Data Information	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Discover Service Based on Data Information	Public Discover Services	

Discover Service Based on Amount of Available Data

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/6/2010. Last modified on 6/6/2010.

GUID: {6D61D7A3-58D1-49c4-AE06-925691620669}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Amount of Available Data	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Amount of Available Data	Public Discover Service Based on Data Information	

Discover Service Based on Data Size

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/6/2010. Last modified on 6/6/2010.

GUID: {9CC0FB75-907C-4b32-9F4A-FF553299B357}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service Based on Data Size	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service Based on Data Size	Public Discover Service Based on Data Information	

Discover Service to Fulfill Data Query

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {18C576C8-D14C-4855-8D76-9010003B5312}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service to Fulfill Data Query	Public INIT1SD2.pm7 - CQL 2.0 Enhancements	
Generalization Source -> Destination	Public Discover Service to Fulfill Data Query	Public Discover Services	

Discover Service to Include in Workflow

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {9307FAB4-9E43-44e6-A3D7-76C7EE16B9AF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service to Include in Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Discover Service to Translate Data in a Workflow	Public Discover Service to Include in Workflow	
Generalization Source -> Destination	Public Discover Service to Consume Produced Data in a Workflow	Public Discover Service to Include in Workflow	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Discover Service to Include in Workflow	Public Discover Services	

Discover Service to Consume Produced Data in a Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {A5F51863-E256-4269-BE8C-BDE2C20AA2F3}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Service to Consume Produced Data in a Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Discover Service to Consume Produced Data in a Workflow	Public Discover Service to Include in Workflow	

Discover Service to Translate Data in a Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {76720FE4-D033-46d1-A117-C8D0199D864D}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Discover Service to Translate Data in a Workflow	Public Discover Service to Include in Workflow	

Discover Services by Metadata Category

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {457AD920-9098-4115-AEB7-C26CFF2D729C}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Services by Metadata Category	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Perform Service Operation Across Services Discovered by Metadata Category	Public Discover Services by Metadata Category	
Generalization Source -> Destination	Public Discover Services by Metadata Category	Public Discover Services	

Perform Service Operation Across Services Discovered by Metadata Category

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {516DC847-7736-44cd-94F0-B08430AC80BD}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Perform Service Operation Across Services Discovered by Metadata Category	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Perform Service Operation Across Services Discovered by Metadata Category	Public Discover Services by Metadata Category	

Connector	Source	Target	Notes

Discover Services for a Literature Query

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {B25120D1-7268-40ab-95B2-EB45DC791415}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Discover Services for a Literature Query	Public Discover Services	
Trace Source -> Destination	Public Discover Services for a Literature Query	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

Discover Services to Include in a Semantic-oriented Query

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {FF76B687-E494-47f6-B17C-F983B05C3F82}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Discover Services to Include in a Semantic-oriented Query	Public Init4hm1 - RDF triple store backend for LexEVS	
Generalization Source -> Destination	Public Discover Services to Include in a Semantic-oriented Query	Public Discover Services	

Generate Code

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {5692A5DB-3C07-4438-8164-F24816E420FA}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Generate Code	
Trace Source -> Destination	Public Generate Code	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Generate Code	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Generalization Source -> Destination	Public Create Literature Query Service from Index	Public Generate Code	

Use Case diagram: Generate Code

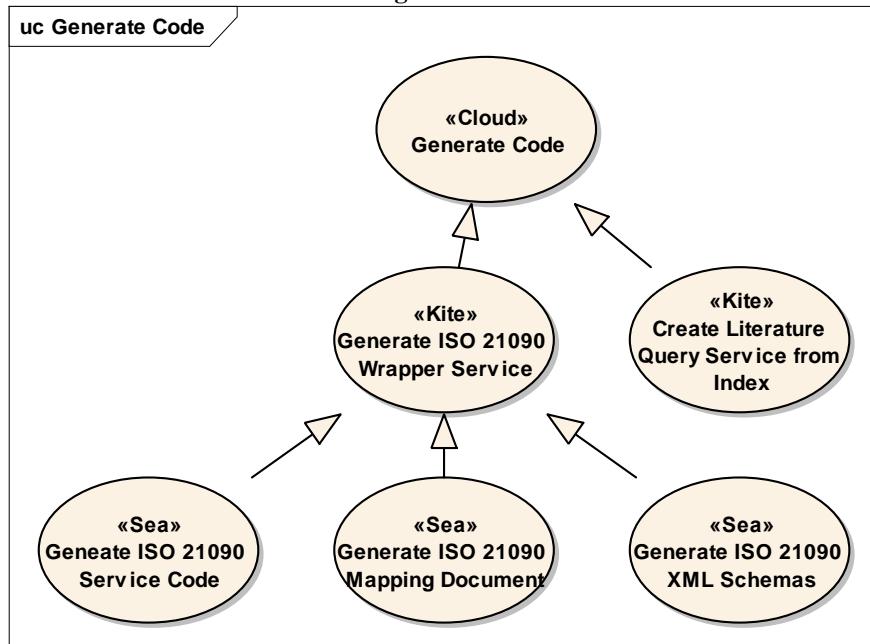


Figure: 59

Create Literature Query Service from Index

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {0848F28B-0E15-4c07-88A3-B17B7C81257C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create Literature Query Service from Index	Public Generate Code	
Trace Source -> Destination	Public Create Literature Query Service from Index	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

Generate ISO 21090 Wrapper Service

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {1939A57F-884C-450e-A73A-0D4B070F3B86}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate ISO 21090 Wrapper Service	Public Generate Code	
Generalization Source -> Destination	Public Generate ISO 21090 Mapping Document	Public Generate ISO 21090 Wrapper Service	
Trace Source -> Destination	Public Generate ISO 21090	Public Init1pm16.pm4 - 21090	

Connector	Source	Target	Notes
	Wrapper Service	Datatype Support	
Generalization Source -> Destination	Public Generate ISO 21090 Service Code	Public Generate ISO 21090 Wrapper Service	
Generalization Source -> Destination	Public Generate ISO 21090 XML Schemas	Public Generate ISO 21090 Wrapper Service	

Geneate ISO 21090 Service Code

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {34C2D243-BB0F-4fa7-AC2C-F0AF661EBA96}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate ISO 21090 Service Code	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Generate ISO 21090 Service Code	Public Generate ISO 21090 Wrapper Service	

Generate ISO 21090 Mapping Document

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {CC749A78-CD32-40ab-8985-0F766B61100E}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate ISO 21090 Mapping Document	Public Generate ISO 21090 Wrapper Service	
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Generate ISO 21090 Mapping Document	Init1pm16.pm4 - 21090 Datatype Support	

Generate ISO 21090 XML Schemas

Type:

UseCase

Status:

Proposed. Version 1.0. Phase 1.0.

Package:

Use Case Model

Keywords:

Detail:

Created on 6/9/2010. Last modified on 6/9/2010.

GUID:

{67DB76C9-6676-4720-AEDF-FA8067D2CC6F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate ISO 21090 XML Schemas	Public Init1pm16.pm4 - 21090 Datatype Support	
Generalization Source -> Destination	Public Generate ISO 21090 XML Schemas	Public Generate ISO 21090 Wrapper Service	

Sequence diagram: XMLMapping

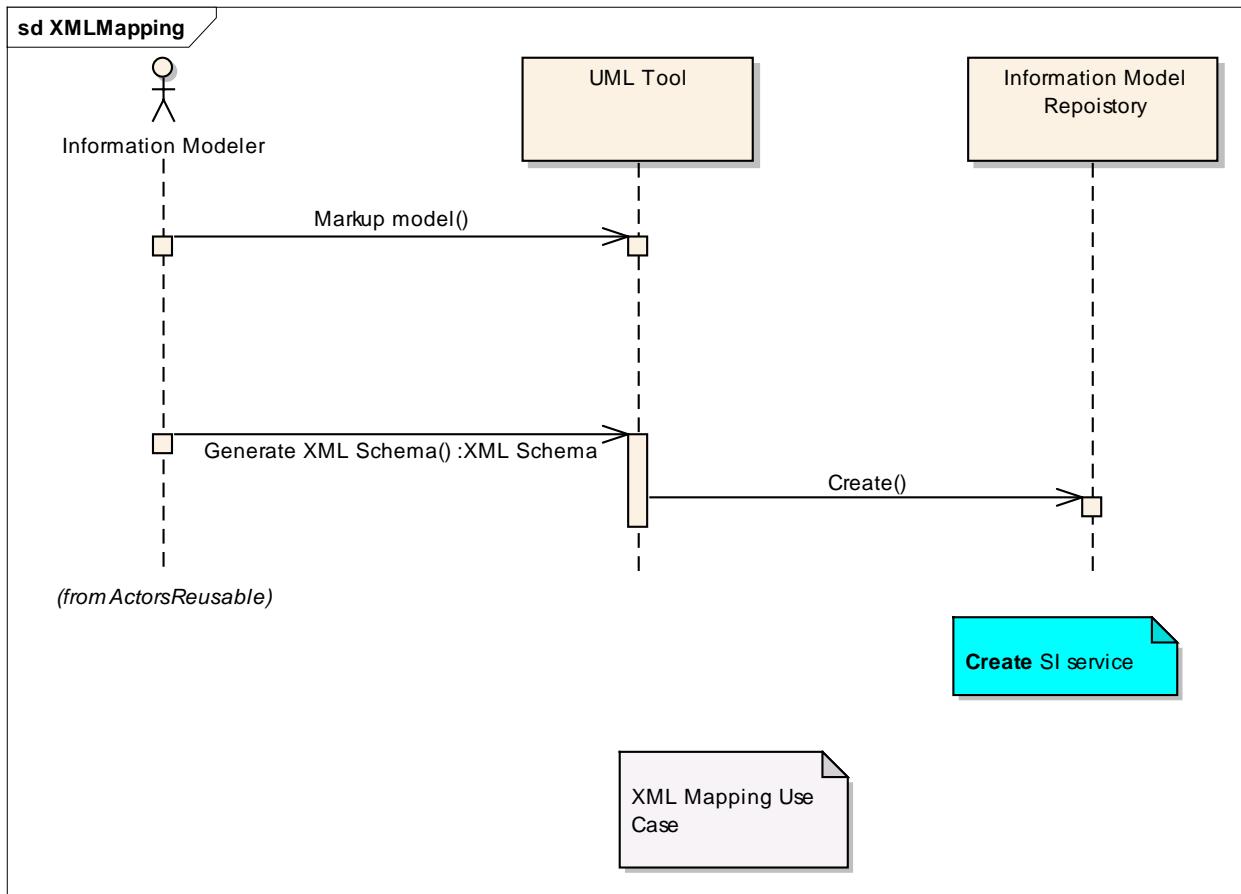


Figure: 60

Manage Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/6/2010. Last modified on 6/9/2010.
GUID: {ED299352-9178-4476-94AE-608DC7477670}

Connections

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Manage Data	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Store Workflow Data	Public Manage Data	
Generalization Source -> Destination	Public Dynamically Create a Data Store	Public Manage Data	
Trace Source -> Destination	Public Manage Data	Public InitotherSD75 - TCGA- Integration	
Generalization Source -> Destination	Public Support TCGA Data Management	Public Manage Data	
Trace Source -> Destination	Public Manage Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	
Generalization Source -> Destination	Public Manage Literature- based Data	Public Manage Data	
Generalization Source -> Destination	Public Manage Data Ownership	Public Manage Data	
Generalization Source -> Destination	Public Manage Provenance Information	Public Manage Data	
Generalization Source -> Destination	Public Fetch Data	Public Manage Data	
Generalization Source -> Destination	Public Version Data	Public Manage Data	
Generalization Source -> Destination	Public Manage Security Access to Data	Public Manage Data	
Trace Source -> Destination	Public Manage Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Use Case diagram: Store Data

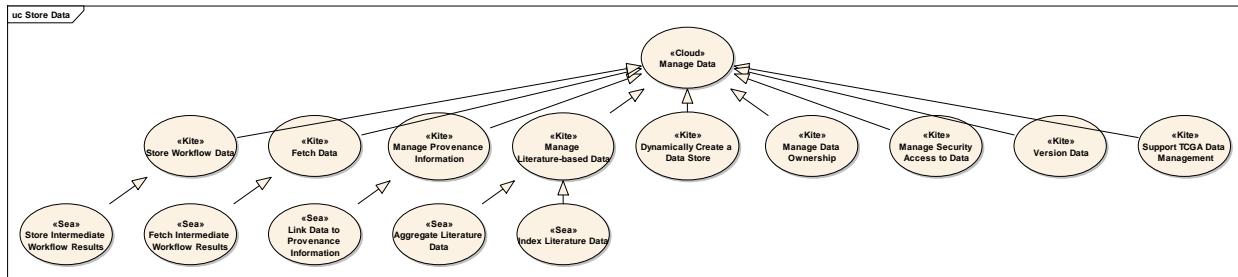


Figure: 61

Dynamically Create a Data Store

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {EDF5102E-505A-4665-983D-A8717CAA2EDD}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Dynamically Create a Data Store	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Dynamically Create a Data Store	Public Manage Data	
Trace Source -> Destination	Public Dynamically Create a Data Store	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Fetch Data

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {F5ADCEDD-7DBA-4977-A50D-158F9CB39C83}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Fetch Data	Public Manage Data	
Generalization Source -> Destination	Public Fetch Intermediate Workflow Results	Public Fetch Data	
Trace Source -> Destination	Public Fetch Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Fetch Intermediate Workflow Results

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {BBF22D8A-D4F6-4984-9EA6-AF238F0961F3}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Fetch Intermediate Workflow Results	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Fetch Intermediate Workflow Results	Public Fetch Data	

Manage Data Ownership

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {34552C67-1AC3-4a70-88C0-0E89D23D8510}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Data Ownership	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Manage Data Ownership	Public Manage Data	

Manage Literature-based Data

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
 GUID: {DD59F281-94C1-44e5-B38C-65DD337423DF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Aggregate Literature Data	Public Manage Literature-based Data	
Generalization Source -> Destination	Public Index Literature Data	Public Manage Literature-based Data	
Generalization Source -> Destination	Public Manage Literature-based Data	Public Manage Data	
Trace Source -> Destination	Public Manage Literature-based Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

Aggregate Literature Data

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*

GUID: {C2EAF196-567B-4437-A958-B59227112662}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Aggregate Literature Data	Public Manage Literature-based Data	
Trace Source -> Destination	Public Aggregate Literature Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

Index Literature Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {09E77146-BD0E-430b-B194-80262FCFE78E}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Index Literature Data	Public Manage Literature-based Data	
Trace Source -> Destination	Public Index Literature Data	Public INIT1SD13.pm23 - Ontology enabled indexing of literature	

Manage Provenance Information

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {AE74CCE3-DCCC-4514-B6AB-3B567CAFCD0B}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Link Data to Provenance Information	Public Manage Provenance Information	
Generalization Source -> Destination	Public Manage Provenance Information	Public Manage Data	
Trace Source -> Destination	Public Manage Provenance Information	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Link Data to Provenance Information

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
 GUID: {7577DB40-1B9F-42f6-93EC-7F0454D1C7EC}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Link Data to Provenance Information	Public Manage Provenance Information	
Trace Source -> Destination	Public Link Data to Provenance Information	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Manage Security Access to Data

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
 GUID: {D5AA6101-EE47-43b4-ABD1-A6E682EE2DE9}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Security Access to Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Manage Security Access to Data	Public Manage Data	

Store Workflow Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {193A2E2B-13E4-44fb-AD4C-21A586761DDE}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Store Workflow Data	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Store Workflow Data	Public Manage Data	
Generalization Source -> Destination	Public Store Intermediate Workflow Results	Public Store Workflow Data	
Trace Source -> Destination	Public Store Workflow Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Store Intermediate Workflow Results

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**

Detail: Created on 6/7/2010. Last modified on 6/7/2010.

GUID: {4F25511C-8398-432a-A139-FC7A82E7718F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Store Intermediate Workflow Results	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Store Intermediate Workflow Results	Public Store Workflow Data	
Trace Source -> Destination	Public Store Intermediate Workflow Results	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Support TCGA Data Management

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model *Keywords:*

Detail: Created on 6/14/2010. Last modified on 6/14/2010.

GUID: {24506AC7-E0FB-4d60-93DD-1348D1B3246F}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Support TCGA Data Management	Public Manage Data	
Trace Source -> Destination	Public Support TCGA Data Management	Public InitotherSD75 - TCGA-Integration	

Version Data

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {63DCD681-7DB6-49f3-8B12-8EC2855758E4}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Version Data	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Version Data	Public Manage Data	

Manage Metadata

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/6/2010. Last modified on 6/6/2010.
GUID: {883776FD-4213-4ee9-A83F-D61C48EC9BE7}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Manage Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Manage Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Manage Value Set Metadata	Public Manage Metadata	

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
<u>Generalization</u> Source -> Destination	Public Manage Metadata Collections	Public Manage Metadata	
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Init1pm13.pm14 - Medidata	
<u>Trace</u> Source -> Destination	Public Manage Metadata	Public Otherhm2.pm13 - Forms Annotations	
<u>Generalization</u> Source -> Destination	Public Create Metadata	Public Manage Metadata	
<u>Generalization</u> Source -> Destination	Public Agile Metadata Management	Public Manage Metadata	
<u>Generalization</u> Source -> Destination	Public Harmonize Metadata	Public Manage Metadata	
<u>Generalization</u> Source -> Destination	Public Remove Metadata	Public Manage Metadata	
<u>Generalization</u> Source -> Destination	Public Manage Forms Metadata	Public Manage Metadata	
<u>Generalization</u> Source -> Destination	Public Load Metadata	Public Manage Metadata	
<u>Trace</u>	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Manage Metadata	Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm5.pm2 - Data rollback functionality	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	
Trace Source -> Destination	Public Manage Metadata	Public Init1pm9.pm16 - Automate	
Trace Source -> Destination	Public Manage Metadata	Public Init4hm1 - RDF triple store backend for LexEVS	
Generalization Source -> Destination	Public Support Triple-store Backend for Concept Services (LexEVS)	Public Manage Metadata	
Trace Source -> Destination	Public Manage Metadata	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	
Trace Source -> Destination	Public Manage Metadata	Public Init1bes8.pm30.U0 - CDE ObjectClass interdependency	
Trace Source -> Destination	Public Manage Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Trace Source -> Destination	Public Manage Metadata	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	

Use Case diagram: Manage Metadata

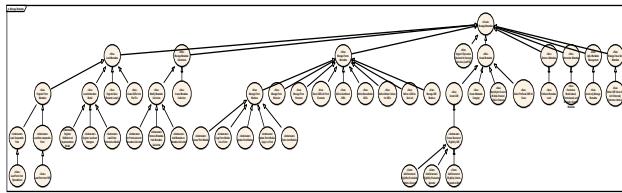


Figure: 62

Agile Metadata Management

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {1F56A443-7F9D-4e71-880D-D7A8F61CB81A}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Agile Metadata Management	Public Manage Metadata	
Trace Source -> Destination	Public Agile Metadata Management	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Agile Metadata Management	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Iteratively Manage Metadata	Public Agile Metadata Management	

Iteratively Manage Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {AF25CD9A-86B2-401a-9369-E9199857B74C}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Iteratively Manage Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Iteratively Manage Metadata	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Iteratively Manage Metadata	Public Agile Metadata Management	

Create Metadata

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {3B517483-8333-424c-ADB7-F987231CA003}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Create Metadata	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Create CDE	Public Create Metadata	
Trace Source -> Destination	Public Create Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Create Metadata	Public Init1dbw7.pm19 - Structured Eligibility Criteria	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create Metadata Category	Public Create Metadata	
Generalization Source -> Destination	Public Create Metadata	Public Manage Metadata	
Trace Source -> Destination	Public Create Metadata	Public Init1bes8.pm30.U0 - CDE ObjectClass interdependency	
Generalization Source -> Destination	Public Map Object Class to Multiple Reused Object Classes	Public Create Metadata	
Generalization Source -> Destination	Public Select Preferred CDE for Class	Public Create Metadata	
Trace Source -> Destination	Public Create Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	

Create CDE

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {C56F8EEF-477D-415b-BD5C-5574AFE433FD}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create CDE	Public Create Metadata	
Trace Source -> Destination	Public Create CDE	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Generalization Source -> Destination	Public Create Structured Eligibility CDE	Public Create CDE	
Trace Source -> Destination	Public Create CDE	Public Init1hm6.pm18 - CDE	

Connector	Source	Target	Notes
		service to return enumerations by reference	

Create Structured Eligibility CDE

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {F09FB2FA-8DF3-4252-9B1D-1CC36330FF18}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Create Structured Eligibility CDE	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Generalization Source -> Destination	Public Add Structured Eligibility Criteria Evaluation Data	Public Create Structured Eligibility CDE	
Generalization Source -> Destination	Public Add Structured Eligibility Evaluation Operator	Public Create Structured Eligibility CDE	
Generalization Source -> Destination	Public Add Structured Eligibility Evaluation Criteria Concept	Public Create Structured Eligibility CDE	
Generalization Source -> Destination	Public Create Structured Eligibility CDE	Public Create CDE	

Add Structured Eligibility Criteria Evaluation Data

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {4801E780-E44C-417a-A68B-D62CDCB43815}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Add Structured Eligibility Criteria Evaluation Data	Public Create Structured Eligibility CDE	

Add Structured Eligibility Evaluation Criteria Concept**Type:** [UseCase](#)**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model**Keywords:****Detail:** *Created on 6/9/2010. Last modified on 6/9/2010.***GUID:** {4478AEFB-FEA5-41c0-9852-A5F7EFF4FF73}**Connections**

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Structured Eligibility Evaluation Criteria Concept	Public Init1dbw7.pm19 - Structured Eligibility Criteria	
Generalization Source -> Destination	Public Add Structured Eligibility Evaluation Criteria Concept	Public Create Structured Eligibility CDE	

Add Structured Eligibility Evaluation Operator**Type:** [UseCase](#)**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model**Keywords:****Detail:** *Created on 6/9/2010. Last modified on 6/9/2010.***GUID:** {B1AA5E6F-DADA-4336-8622-18C417D906AD}**Connections**

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Structured	Public Init1dbw7.pm19 -	

Connector	Source	Target	Notes
	Eligibility Evaluation Operator	Structured Eligibility Criteria	
Generalization Source -> Destination	Public Add Structured Eligibility Evaluation Operator	Public Create Structured Eligibility CDE	

Create Metadata Category

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {FEF14E57-3FB7-435c-A898-730AC53A5C25}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Create Metadata Category	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Create Metadata Category	Public Create Metadata	

Map Object Class to Multiple Reused Object Classes

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {8EECA751-0B54-4580-8C81-6BD4498F1868}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Map Object Class to Multiple Reused Object Classes	Public Init1bes8.pm30.U0 - CDE ObjectClass interdependency	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Map Object Class to Multiple Reused Object Classes	Public Create Metadata	

Select Preferred CDE for Class

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/10/2010. Last modified on 6/10/2010.*
 GUID: {68FD9878-C5A1-44c2-A218-EB2F86BC0030}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Preferred CDE for Class	Public Create Metadata	
Trace Source -> Destination	Public Select Preferred CDE for Class	Public Init1hm1.pm25 - ICR IRWG requirements	

Harmonize Metadata

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
 GUID: {9D6964F8-8108-4bb3-B8E6-9E244EE11A79}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Harmonize Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Harmonize Metadata	Public Init1bes9.pm11 - Common	

Connector	Source	Target	Notes
		Harmonization and Forms Creation	
Generalization Source -> Destination	Public Harmonize Model-based, Forms-based, and Manually Curated Metadata	Public Harmonize Metadata	
Generalization Source -> Destination	Public Harmonize Metadata	Public Manage Metadata	

Harmonize Model-based, Forms-based, and Manually Curated Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {1AEA87BF-79DE-4038-8B81-9814EF63B884}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Harmonize Model-based, Forms-based, and Manually Curated Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Harmonize Model-based, Forms-based, and Manually Curated Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Harmonize Model-based, Forms-based, and Manually Curated Metadata	Public Harmonize Metadata	

Load Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*

GUID: {01B9A8BA-DBD8-427d-9EF3-ACF26301EE32}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Create CDEs from Flat File	Public Load Metadata	
Trace Source -> Destination	Public Load Metadata	Public Init1pm24.pm15 - ICR-caIntegrator2	
Generalization Source -> Destination	Public Load Information Model	Public Load Metadata	
Generalization Source -> Destination	Public Register Form Metadata	Public Load Metadata	
Generalization Source -> Destination	Public Register Data Elements Locally	Public Load Metadata	
Generalization Source -> Destination	Public Load Metadata	Public Manage Metadata	
Trace Source -> Destination	Public Load Metadata	Public Init1pm9.pm16 - Automate	

Create CDEs from Flat File

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {28681257-F340-4efc-92DE-7F89C0A34793}

Connections

Connector	Source	Target	Notes
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Create CDEs from Flat File	Load Metadata	
Trace Source -> Destination	Public Create CDEs from Flat File	Public Init1pm24.pm15 - ICR-caIntegrator2	

Load Information Model

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {5C6C9511-FDF7-4350-99E9-89C2DC52DEFF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Load Entire Information Model	Public Load Information Model	
Generalization Source -> Destination	Public Load Information Model	Public Load Metadata	
Generalization Source -> Destination	Public Register Localized Datatypes	Public Load Information Model	
Generalization Source -> Destination	Public Register DAM-derived Implementation Model	Public Load Information Model	

Load Entire Information Model

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {89D5E670-BC8E-4b50-A11B-35132C17B616}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Entire Information Model	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Load Entire Information Model	Public Load Information Model	

Register DAM-derived Implementation Model

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {BCD12B5C-BF69-491e-A465-B7E078A40636}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Register DAM-derived Implementation Model	Public Load Information Model	

Register Localized Datatypes

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {41793718-6D96-49e1-AFF4-E71ED7BA3741}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Register Localized Datatypes	Public Load Information Model	

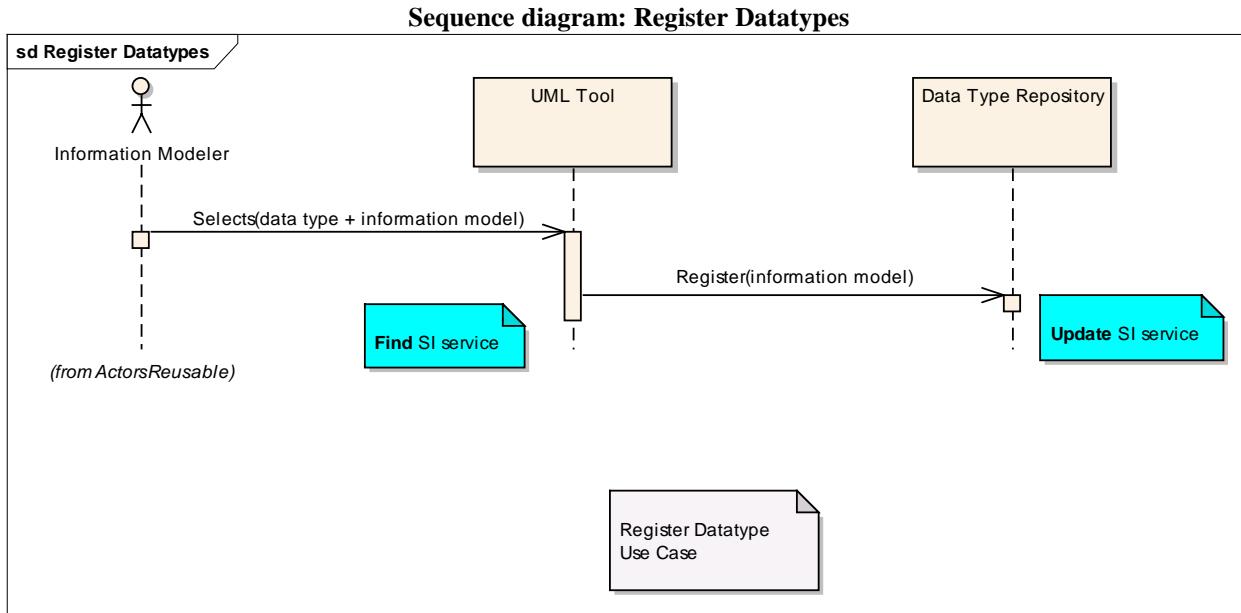


Figure: 63

Register Data Elements Locally

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {C2644232-2775-4277-93DD-118F8267038C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Register Data Elements Locally	Public Load Metadata	

Register Form Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {16EF5622-FF44-43cb-B972-C4F484A18E27}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Register Form Metadata	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Load Non-computable Form	Public Register Form Metadata	
Generalization Source -> Destination	Public Register Form Metadata	Public Load Metadata	
Association Unspecified	Public Load Computable Form	Public Register Form Metadata	

Load Computable Form

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {9981753C-15C9-492d-8662-C78392C6F8BF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Computable Form	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Load Form from Spreadsheet	Public Load Computable Form	
Association Unspecified	Public Load Computable Form	Public Register Form Metadata	

Load Form from Spreadsheet

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {96DEB071-B58F-4509-9A05-8C8B01B558E1}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Form from Spreadsheet	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Load Form from Spreadsheet	Public Load Computable Form	

Load Non-computable Form**Type:** [**UseCase**](#)**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model [**Keywords:**](#)**Detail:** *Created on 6/9/2010. Last modified on 6/9/2010.***GUID:** {79662934-8F8A-479b-9F01-FE884CE1366B}**Connections**

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Non-computable Form	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Load Non-computable Form	Public Register Form Metadata	
Generalization Source -> Destination	Public Load Form from PDF	Public Load Non-computable Form	

Load Form from PDF**Type:** [**UseCase**](#)**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model [**Keywords:**](#)**Detail:** *Created on 6/9/2010. Last modified on 6/9/2010.***GUID:** {B61FEC22-ED19-4313-8A4C-50298E47AD77}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Load Form from PDF	Public Init1pm9.pm16 - Automate	
Generalization Source -> Destination	Public Load Form from PDF	Public Load Non-computable Form	

Manage Forms Metadata**Type:** UseCase**Status:** Proposed. Version 1.0. Phase 1.0.**Package:** Use Case Model **Keywords:****Detail:** Created on 6/6/2010. Last modified on 6/6/2010.**GUID:** {233B7C94-16FB-453f-ACDF-EDFB9CE04668}***Connections***

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Forms Metadata	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Manage Forms Metadata	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Manage CDE Modules	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Define Default Values for CDEs	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Define Conditional CDEs	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Define a CDE as Derived	Public Manage Forms Metadata	
Trace Source -> Destination	Public Manage Forms	Public Otherhm2.pm13 -	

Connector	Source	Target	Notes
	Metadata	Forms Annotations	
Generalization Source -> Destination	Public Define Non-editable CDEs	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Select CDEs for Form Elements	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Manage Form Structure	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Manage Form Behavior	Public Manage Forms Metadata	
Generalization Source -> Destination	Public Manage Forms Metadata	Public Manage Metadata	
Generalization Source -> Destination	Public Manage Form Modules	Public Manage Forms Metadata	
Trace Source -> Destination	Public Manage Forms Metadata	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	

Define a CDE as Derived

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {3294BBE1-1E87-4025-A6CA-46151876F2AA}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define a CDE as Derived	Public Manage Forms Metadata	
Trace Source -> Destination	Public Define a CDE as Derived	Public Otherhm2.pm13 - Forms Annotations	

Define Conditional CDEs

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {29C15CDE-9CD1-4cf1-9037-3F244836D56E}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define Conditional CDEs	Public Manage Forms Metadata	
Trace Source -> Destination	Public Define Conditional CDEs	Public Otherhm2.pm13 - Forms Annotations	

Define Default Values for CDEs

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {95175F63-606E-4928-A36D-DFCFAC69871C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define Default Values for CDEs	Public Manage Forms Metadata	
Trace Source -> Destination	Public Define Default Values for CDEs	Public Otherhm2.pm13 - Forms Annotations	

Define Non-editable CDEs

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model *Keywords:*
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {216DCE95-E728-4869-BDBE-6735A9FC637A}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Non-editable CDEs	Public Otherhm2.pm13 - Forms Annotations	
Generalization Source -> Destination	Public Define Non-editable CDEs	Public Manage Forms Metadata	

Manage CDE Modules

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {7A9293AF-C17B-416f-8416-AA7D9171CA7D}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Manage CDE Modules	Public Manage Forms Metadata	
Trace Source -> Destination	Public Manage CDE Modules	Public Otherhm2.pm13 - Forms Annotations	

Manage Form Behavior

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {D72A7312-DEC8-4eed-8BE9-BF92429177B6}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Form Behavior	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Manage Form Behavior	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Manage Form Behavior	Public Manage Forms Metadata	

Manage Form Modules

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: Use Case Model **Keywords:**
 Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
 GUID: {5BC6B29E-392C-4bf4-8324-6CA414BD1E97}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Retire form Module	Public Manage Form Modules	
Trace Source -> Destination	Public Manage Form Modules	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Generalization Source -> Destination	Public Update Form Module Copy in a Form	Public Manage Form Modules	
Generalization Source -> Destination	Public Update Form Module	Public Manage Form Modules	
Generalization Source -> Destination	Public Create Form Module	Public Manage Form Modules	
Generalization Source -> Destination	Public Manage Form Modules	Public Manage Forms Metadata	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Copy Form Module into a Form	Public Manage Form Modules	

Copy Form Module into a Form

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {BEB6F4F-D2F6-4a73-B451-9B1FDEF333B5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Copy Form Module into a Form	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Generalization Source -> Destination	Public Copy Form Module into a Form	Public Manage Form Modules	

Create Form Module

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {598072B9-B7AD-43d9-8D8D-957D551FEF55}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Create Form Module	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Generalization Source -> Destination	Public Create Form Module	Public Manage Form Modules	

Retire form Module

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {3B0C071E-1EB2-4616-9478-705684E755EF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Retire form Module	Public Manage Form Modules	
Trace Source -> Destination	Public Retire form Module	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	

Update Form Module

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {8F106DF7-0471-4850-88AB-2838C2E7FDB3}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Update Form Module	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Generalization Source -> Destination	Public Update Form Module	Public Manage Form Modules	

Update Form Module Copy in a Form

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**

Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {4360B0D0-898D-49db-82A9-735A13AC9DF3}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Update Form Module Copy in a Form	Public Init8pm25.pm24 - Support for Reusable Modules of Forms	
Generalization Source -> Destination	Public Update Form Module Copy in a Form	Public Manage Form Modules	

Manage Form Structure

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {562FB267-E7E6-44ee-AB16-032669F08A1F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Form Structure	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Trace Source -> Destination	Public Manage Form Structure	Public Otherhm1.pm12 - Generation of Forms	
Generalization Source -> Destination	Public Manage Form Structure	Public Manage Forms Metadata	

Select CDEs for Form Elements

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*

Detail: Created on 6/7/2010. Last modified on 6/7/2010.

GUID: {CBB4681E-6F66-475f-B4F8-C9846C442496}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Select CDEs for Form Elements	Public Otherhm1.pm12 - Generation of Forms	
Trace Source -> Destination	Public Select CDEs for Form Elements	Public Init1bes9.pm11 - Common Harmonization and Forms Creation	
Generalization Source -> Destination	Public Select CDEs for Form Elements	Public Manage Forms Metadata	

Manage Metadata Collections

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model *Keywords:*

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {9FDE6F8D-3345-4f4a-831B-E5ADED8495A8}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create Metadata Collection	Public Manage Metadata Collections	
Generalization Source -> Destination	Public Modify Metadata Collection	Public Manage Metadata Collections	
Trace Source -> Destination	Public Manage Metadata Collections	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Manage Metadata Collections	Public Manage Metadata	

Create Metadata Collection

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {3A0BA487-3952-47d4-8475-AFD8719BF685}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create Metadata Collection	Public Manage Metadata Collections	
Trace Source -> Destination	Public Create Metadata Collection	Public Init1pm13.pm14 - Medidata	

Modify Metadata Collection

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {2BC9F7F1-9D2B-421f-AE52-BEDFA5769456}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Modify Metadata Collection	Public Manage Metadata Collections	
Generalization Source -> Destination	Public Remove Metadata from Metadata Collection	Public Modify Metadata Collection	
Generalization Source -> Destination	Public Set Permissions for Metadata Collection	Public Modify Metadata Collection	
Generalization Source -> Destination	Public Add Metadata to Metadata Collection	Public Modify Metadata Collection	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Modify Metadata Collection	Public Init1pm13.pm14 - Medidata	

Add Metadata to Metadata Collection

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {F11990EC-003E-4d13-A791-01657D1DD625}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Metadata to Metadata Collection	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Add Metadata to Metadata Collection	Public Modify Metadata Collection	

Remove Metadata from Metadata Collection

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {D41BA251-E76B-4357-80A4-089CC646AC28}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Remove Metadata from Metadata Collection	Public Modify Metadata Collection	
Trace Source -> Destination	Public Remove Metadata from Metadata Collection	Public Init1pm13.pm14 - Medidata	

Set Permissions for Metadata Collection

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {3B09D9ED-D0D1-4fe7-885C-4F1505F87184}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Set Permissions for Metadata Collection	Public Init1pm13.pm14 - Medidata	
Generalization Source -> Destination	Public Set Permissions for Metadata Collection	Public Modify Metadata Collection	

Manage Value Set Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {2F332AE0-1CF7-443c-8E72-C64244575273}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define CDE Value Set with Externally Reference Ontology	Public Manage Value Set Metadata	
Generalization Source -> Destination	Public Manage Value Set Metadata	Public Manage Metadata	
Trace Source -> Destination	Public Manage Value Set Metadata	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Manage Value Set	Public init1hm2.pm22.U0 -	

Connector	Source	Target	Notes
	Metadata	NCI level vocabulary services for Diseases and Interventions	

Define CDE Value Set with Externally Reference Ontology

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model **Keywords:**

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {49082F4A-2C48-4bdd-9CBB-5AF9FCF48EFA}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define CDE Value Set with Externally Reference Ontology	Public Manage Value Set Metadata	
Trace Source -> Destination	Public Define CDE Value Set with Externally Reference Ontology	Public Init1hm6.pm18 - CDE service to return enumerations by reference	
Trace Source -> Destination	Public Define CDE Value Set with Externally Reference Ontology	Public init1hm2.pm22.U0 - NCI level vocabulary services for Diseases and Interventions	

Remove Metadata

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model **Keywords:**

Detail: Created on 6/6/2010. Last modified on 6/6/2010.

GUID: {275562D9-76E1-4318-94D1-87D4D41485B8}

Connections

Connector	Source	Target	Notes
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Rollback Metadata Load	Remove Metadata	
Generalization Source -> Destination	Public Remove Metadata	Public Manage Metadata	
Trace Source -> Destination	Public Remove Metadata	Public Init1pm5.pm2 - Data rollback functionality	

Rollback Metadata Load

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {94D27194-EE99-4993-AD18-E611044A5219}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Rollback Metadata Load	Public Remove Metadata	
Trace Source -> Destination	Public Rollback Metadata Load	Public Init1pm5.pm2 - Data rollback functionality	

Support Triple-store Backend for Concept Services (LexEVS)

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {DBBA66F1-A6A0-4c3a-AE8E-C413B9599DAC}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Support Triple-store Backend for Concept Services (LexEVS)	Public Init4hm1 - RDF triple store backend for LexEVS	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Support Triple-store Backend for Concept Services (LexEVS)	Public Manage Metadata	

Manage Workflow

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model

Keywords:

Detail: Created on 6/6/2010. Last modified on 6/6/2010.

GUID: {07C9B9D2-ACAF-49ee-97B3-AF13ABC23EC9}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Manage Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Update Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Share Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Save Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Run Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Copy Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Provision Workflow Security	Public Manage Workflow	
Generalization Source -> Destination	Public Manage Dynamic Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Version Workflow	Public Manage Workflow	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Validate Workflow	Public Manage Workflow	
Trace Source -> Destination	Public Manage Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Use Case diagram: Manage Workflow

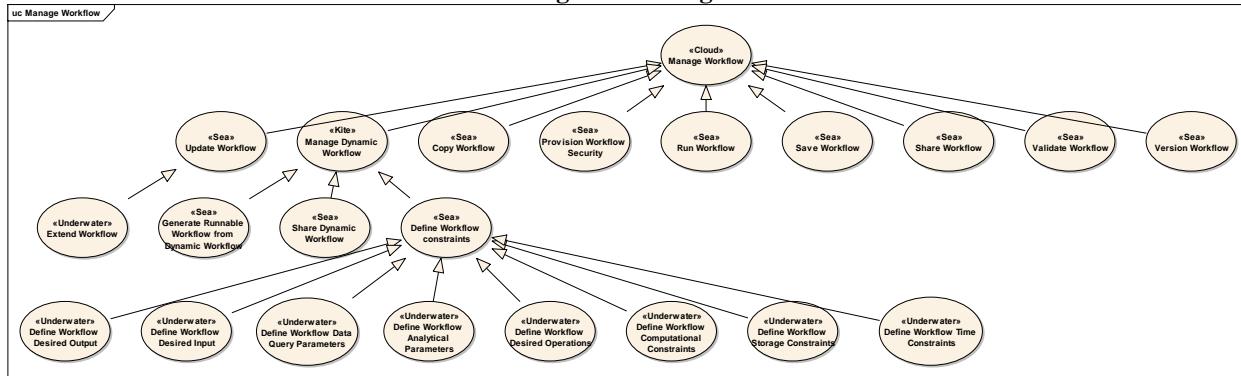


Figure: 64

Copy Workflow

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {B28B71A9-8F1E-4d9a-AD25-6CE50B129E4F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Copy Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Copy Workflow	Public Manage Workflow	

Manage Dynamic Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {1EA2F90C-642E-4cf9-87E6-96088B6BABCD}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define Workflow constraints	Public Manage Dynamic Workflow	
Generalization Source -> Destination	Public Manage Dynamic Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Generate Runnable Workflow from Dynamic Workflow	Public Manage Dynamic Workflow	
Generalization Source -> Destination	Public Share Dynamic Workflow	Public Manage Dynamic Workflow	
Trace Source -> Destination	Public Manage Dynamic Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Define Workflow constraints

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {A1568F2D-EC8A-48f1-B43D-57159EE3FD03}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define Workflow Desired Output	Public Define Workflow constraints	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define Workflow constraints	Public Manage Dynamic Workflow	
Trace Source -> Destination	Public Define Workflow constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Computational Constraints	Public Define Workflow constraints	
Generalization Source -> Destination	Public Define Workflow Desired Operations	Public Define Workflow constraints	
Generalization Source -> Destination	Public Define Workflow Time Constraints	Public Define Workflow constraints	
Generalization Source -> Destination	Public Define Workflow Storage Constraints	Public Define Workflow constraints	
Generalization Source -> Destination	Public Define Workflow Desired Input	Public Define Workflow constraints	
Generalization Source -> Destination	Public Define Workflow Analytical Parameters	Public Define Workflow constraints	
Generalization Source -> Destination	Public Define Workflow Data Query Parameters	Public Define Workflow constraints	

Define Workflow Analytical Parameters

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {268E6DC5-6784-4d1c-B844-ED5FF0F67E93}

Connections

Connector	Source	Target	Notes
-----------	--------	--------	-------

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Workflow Analytical Parameters	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Analytical Parameters	Public Define Workflow constraints	

Define Workflow Computational Constraints

Type: [UseCase](#)

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model

Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {0128B5E2-0276-42f1-AA06-A83FB7E2E4D5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Workflow Computational Constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Computational Constraints	Public Define Workflow constraints	

Define Workflow Data Query Parameters

Type: [UseCase](#)

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model

Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {CBA7C169-001E-4398-B425-5D32D4F9EEA1}

Connections

Connector	Source	Target	Notes
-----------	--------	--------	-------

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Workflow Data Query Parameters	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Data Query Parameters	Public Define Workflow constraints	

Define Workflow Desired Input

Type: [UseCase](#)

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model [Keywords:](#)

Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*

GUID: {B4E627E5-1778-408a-993E-213AE692BD6C}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Workflow Desired Input	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Desired Input	Public Define Workflow constraints	

Define Workflow Desired Operations

Type: [UseCase](#)

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model [Keywords:](#)

Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*

GUID: {FD3BA7CA-EA96-4bf5-818F-5296542831A1}

Connections

Connector	Source	Target	Notes
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Define Workflow Desired Operations	Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Desired Operations	Public Define Workflow constraints	

Define Workflow Desired Output

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {FE645C1B-102A-41e4-A589-1A5AA5EF6183}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Define Workflow Desired Output	Public Define Workflow constraints	
Trace Source -> Destination	Public Define Workflow Desired Output	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Define Workflow Storage Constraints

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {319D2A74-6549-4ab9-8129-EEE78A0284AB}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Workflow	Public Init3dbw2.pm21 -	

Connector	Source	Target	Notes
	Storage Constraints	Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Storage Constraints	Public Define Workflow constraints	

Define Workflow Time Constraints

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {5AA60113-33AA-4dc2-9819-13FD0C09936C}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Define Workflow Time Constraints	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Define Workflow Time Constraints	Public Define Workflow constraints	

Generate Runnable Workflow from Dynamic Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {E19E9D2A-5D09-4ed7-B894-BA28DA0CBBA0}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Generate Runnable Workflow from Dynamic Workflow	Public Manage Dynamic Workflow	

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Runnable Workflow from Dynamic Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Share Dynamic Workflow

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/9/2010. Last modified on 6/9/2010.

GUID: {C224899B-4EE1-49c9-B40B-5D61AFBC7F23}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Share Dynamic Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	
Generalization Source -> Destination	Public Share Dynamic Workflow	Public Manage Dynamic Workflow	

Provision Workflow Security

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model Keywords:

Detail: Created on 6/7/2010. Last modified on 6/7/2010.

GUID: {9AE020E7-B155-4d7d-8703-D0A7492ADE53}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Provision Workflow Security	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on	

Connector	Source	Target	Notes
		caGrid	
Generalization Source -> Destination	Public Provision Workflow Security	Public Manage Workflow	

Run Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {C7B4ABEF-2C71-4dcb-B4BE-D88D147F6D5F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Run Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Run Workflow	Public Manage Workflow	
Trace Source -> Destination	Public Run Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Save Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {BE75A2F4-3C26-41d4-B52D-0B46D27180BD}

Connections

Connector	Source	Target	Notes
-----------	--------	--------	-------

Connector	Source	Target	Notes
Trace Source -> Destination	Public Save Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Save Workflow	Public Manage Workflow	

Share Workflow

Type: [**UseCase**](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {33571740-D7D5-4095-A2D3-AC5D0699DFB6}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Share Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Share Workflow	Public Manage Workflow	
Trace Source -> Destination	Public Share Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Update Workflow

Type: [**UseCase**](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {544EB849-A16E-41e4-99E7-C4AE5F6E5264}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Update Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Update Workflow	Public Manage Workflow	
Generalization Source -> Destination	Public Extend Workflow	Public Update Workflow	

Extend Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {C941BA70-1FEE-4a74-9735-292F19122A81}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Extend Workflow	Public Init1dbw6.pm8.U0 - Support caB2B to integrate services on caGrid	
Generalization Source -> Destination	Public Extend Workflow	Public Update Workflow	

Validate Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {777FA278-BAA5-4051-9479-DE9DA7338D27}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Validate Workflow	Public Manage Workflow	
Trace Source -> Destination	Public Validate Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Version Workflow

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {552C1B45-4FC4-42a5-8D0B-6440C4017B09}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Version Workflow	Public Manage Workflow	
Trace Source -> Destination	Public Version Workflow	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Model Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {FEF2ABCA-BC40-4956-8056-D23AF7E30536}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Metadata	Public Init1bes4.pm10.U0 - SIW Enhancement	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Create Analysis Model	Public Model Metadata	
Generalization Source -> Destination	Public Derive Implementation Model	Public Model Metadata	
Generalization Source -> Destination	Public Model Analytical Provenance	Public Model Metadata	
Generalization Source -> Destination	Public Model Algorithm Metadata	Public Model Metadata	
Generalization Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Model Metadata	
Generalization Source -> Destination	Public Localize Datatypes	Public Model Metadata	
Generalization Source -> Destination	Public Update Model Semantics	Public Model Metadata	
Generalization Source -> Destination	Public Model Research Methodology	Public Model Metadata	
Trace Source -> Destination	Public Model Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Model Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Trace Source -> Destination	Public Model Metadata	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Connector	Source	Target	Notes
<u>Trace</u> Source -> Destination	Public Model Metadata	Public Init1pm16.pm4 - 21090 Datatype Support	

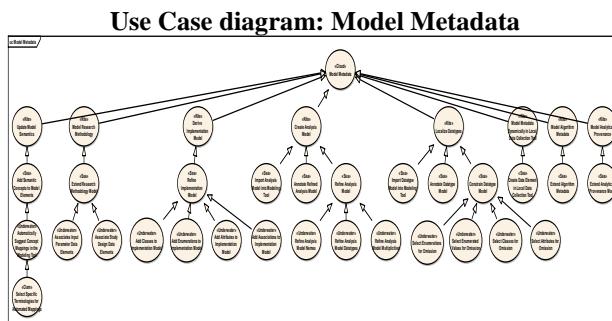


Figure: 65

Create Analysis Model

Type:

UseCase

Status:

Proposed. Version 1.0. Phase 1.0.

Package:

Use Case Model *Keywords:*

Detail:

Created on 6/7/2010. Last modified on 6/7/2010.

GUID:

{DECC82AD-BA37-46ac-AACD-73498E3E5433}

Connections

Connector	Source	Target	Notes
<u>Generalization</u> Source -> Destination	Public Create Analysis Model	Public Model Metadata	
<u>Generalization</u> Source -> Destination	Public Annotate Refined Analysis Model	Public Create Analysis Model	
<u>Generalization</u> Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Create Analysis Model	
<u>Generalization</u> Source -> Destination	Public Refine Analysis Model	Public Create Analysis Model	
<u>Trace</u> Source -> Destination	Public Create Analysis Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Annotate Refined Analysis Model

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {DD86FCA1-BDB9-4c4f-901F-B2DFB45E6E24}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Annotate Refined Analysis Model	Public Create Analysis Model	
Trace Source -> Destination	Public Annotate Refined Analysis Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Import Analysis Model into Modeling Tool

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {5D353207-7112-4c08-926C-9F0C01976ECF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Create Analysis Model	
Trace Source -> Destination	Public Import Analysis Model into Modeling Tool	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Analysis Model

Type: UseCase

Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {706165F9-4C7C-4871-AD57-8B3E25195039}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Analysis Model Multiplicities	Public Refine Analysis Model	
Generalization Source -> Destination	Public Refine Analysis Model Datatypes	Public Refine Analysis Model	
Generalization Source -> Destination	Public Refine Analysis Model Names	Public Refine Analysis Model	
Generalization Source -> Destination	Public Refine Analysis Model	Public Create Analysis Model	
Trace Source -> Destination	Public Refine Analysis Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Analysis Model Datatypes

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {9C3B5E42-41D7-4559-969F-05B7638644FC}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Analysis Model Datatypes	Public Refine Analysis Model	
Trace Source -> Destination	Public Refine Analysis Model Datatypes	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Analysis Model Multiplicities

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {AAC17177-7C0A-4b5f-9C7A-06F38009FFAF}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Analysis Model Multiplicities	Public Refine Analysis Model	
Trace Source -> Destination	Public Refine Analysis Model Multiplicities	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Refine Analysis Model Names

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {DD1ACCCD-CB37-4eb2-AC8C-E610B05C30EB}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Refine Analysis Model Names	Public Refine Analysis Model	
Trace Source -> Destination	Public Refine Analysis Model Names	Public Init1pm11.pm3 - LS DAM refinement and utilization	

Derive Implementation Model

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {EED65354-23D5-44c2-A597-8F7B5280FD5D}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Derive Implementation Model	Public Model Metadata	
Trace Source -> Destination	Public Derive Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Refine Implementation Model	Public Derive Implementation Model	

Refine Implementation Model

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {AD9753B5-13B2-4e2c-BDE8-1B65C2518E69}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Refine Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Refine Implementation Model	Public Derive Implementation Model	
Generalization Source -> Destination	Public Add Classes to Implementation Model	Public Refine Implementation Model	
Generalization Source -> Destination	Public Add Enumerations to	Public Refine Implementation	

Connector	Source	Target	Notes
	Implementation Model	Model	
Generalization Source -> Destination	Public Add Attributes to Implementation Model	Public Refine Implementation Model	
Generalization Source -> Destination	Public Add Associations to Implementation Model	Public Refine Implementation Model	

Add Associations to Implementation Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {4874BA5B-D6B7-42de-8876-B1AEB2C40A6E}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Associations to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Add Associations to Implementation Model	Public Refine Implementation Model	

Add Attributes to Implementation Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {47AE6877-5450-4a6a-BBAA-B4C353C62AE8}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Attributes to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and	

Connector	Source	Target	Notes
		utilization	
Generalization Source -> Destination	Public Add Attributes to Implementation Model	Public Refine Implementation Model	

Add Classes to Implementation Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {091106CA-58CC-4733-A64D-3B22E3408D04}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Classes to Implementation Model	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Add Classes to Implementation Model	Public Refine Implementation Model	

Add Enumerations to Implementation Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {61C1E61A-2506-4f19-A845-F3CB9DCE2438}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Add Enumerations to Implementation Model	Public Refine Implementation Model	
Trace Source -> Destination	Public Add Enumerations to	Public Init1pm11.pm3 - LS	

Connector	Source	Target	Notes
	Implementation Model	DAM refinement and utilization	

Localize Datatypes

Type: **UseCase**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Use Case Model

Keywords:

Detail: Created on 6/7/2010. Last modified on 6/7/2010.

GUID: {674B8F9A-59A6-4729-815E-F2EE7263D29C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Annotate Datatype Model	Public Localize Datatypes	
Generalization Source -> Destination	Public Localize Datatypes	Public Model Metadata	
Generalization Source -> Destination	Public Constrain Datatype Model	Public Localize Datatypes	
Generalization Source -> Destination	Public Import Datatype Model into Modeling Tool	Public Localize Datatypes	
Trace Source -> Destination	Public Localize Datatypes	Public Init1pm16.pm4 - 21090 Datatype Support	

Sequence diagram: Localize

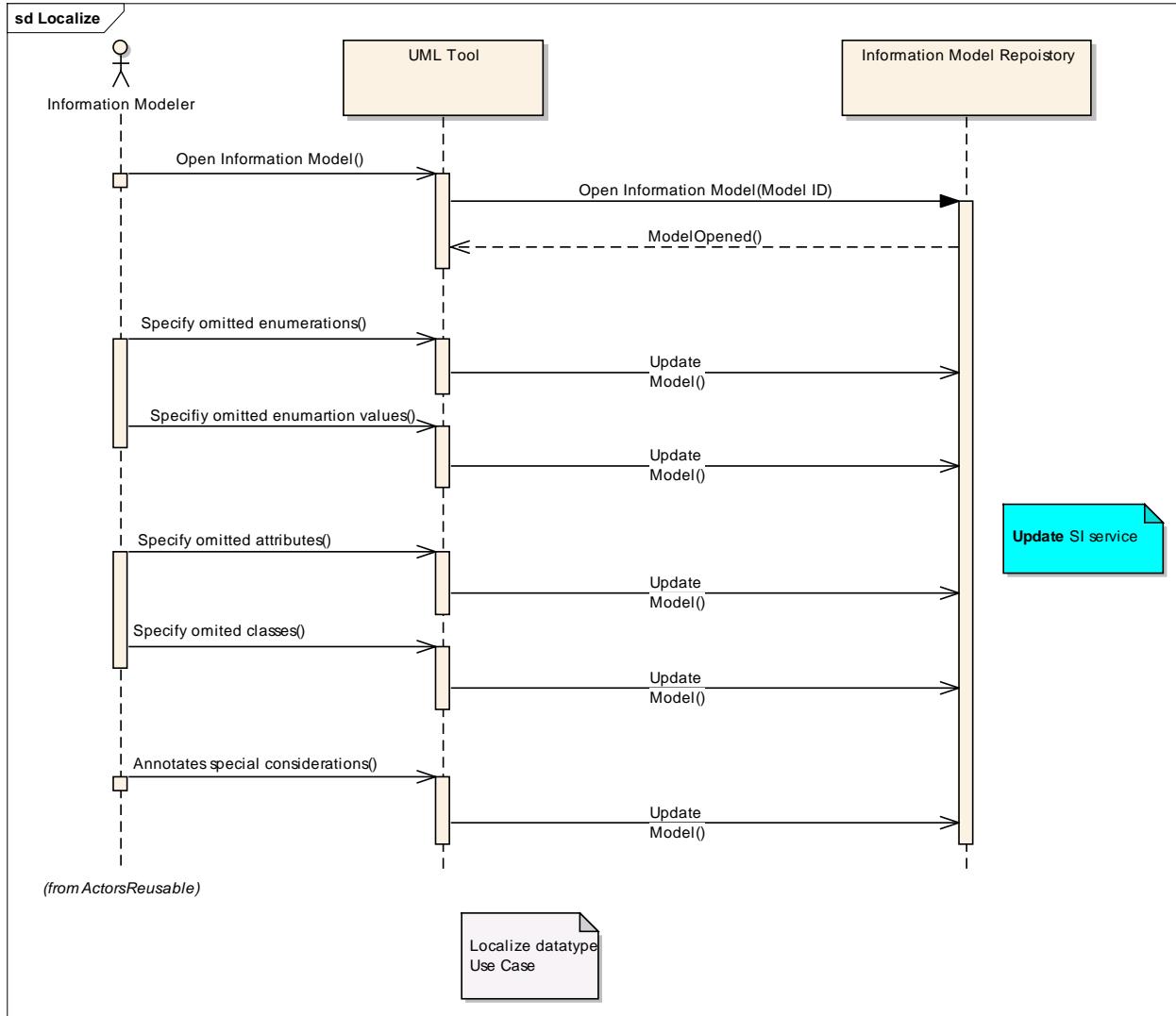


Figure: 66

Annotate Datatype Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {7B116DCC-D3F1-47a6-8FC8-A45AC2811E62}

Connections

Connector	Source	Target	Notes
Generalization	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Annotate Datatype Model	Localize Datatypes	
Trace Source -> Destination	Public Annotate Datatype Model	Public Init1pm16.pm4 - 21090 Datatype Support	

Constrain Datatype Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/10/2010.*
GUID: {2401519C-6EA1-4832-A5E3-F7247E26B9DE}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Enumerated Values for Omission	Public Constrain Datatype Model	
Generalization Source -> Destination	Public Select Attributes for Omission	Public Constrain Datatype Model	
Generalization Source -> Destination	Public Constrain Datatype Model	Public Localize Datatypes	
Generalization Source -> Destination	Public Select Classes for Omission	Public Constrain Datatype Model	
Generalization Source -> Destination	Public Select Enumerations for Omission	Public Constrain Datatype Model	
Trace Source -> Destination	Public Constrain Datatype Model	Public Init1pm16.pm4 - 21090 Datatype Support	

Select Attributes for Omission

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/10/2010.*

GUID: {51B4AA65-6EA0-4eb8-9672-820F8BB00C95}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Attributes for Omission	Public Constrain Datatype Model	

Select Classes for Omission

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/10/2010.*
GUID: {D4A1D5B9-08B6-4ca8-ABBC-CDC7C43F202A}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Classes for Omission	Public Constrain Datatype Model	

Select Enumerated Values for Omission

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/10/2010.*
GUID: {C921602A-F5ED-4b9e-B5DA-91B67461CFF0}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Enumerated Values for Omission	Public Constrain Datatype Model	

Select Enumerations for Omission

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/10/2010.*
GUID: {C72C438D-29DB-4eb5-90A4-6B2C1FF2A467}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Enumerations for Omission	Public Constrain Datatype Model	

Import Datatype Model into Modeling Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {DD30B1FC-7043-4de7-B0EA-6408E4B2DA20}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Import Datatype Model into Modeling Tool	Public Localize Datatypes	
Trace Source -> Destination	Public Import Datatype Model into Modeling Tool	Public Init1pm16.pm4 - 21090 Datatype Support	

Sequence diagram: Import

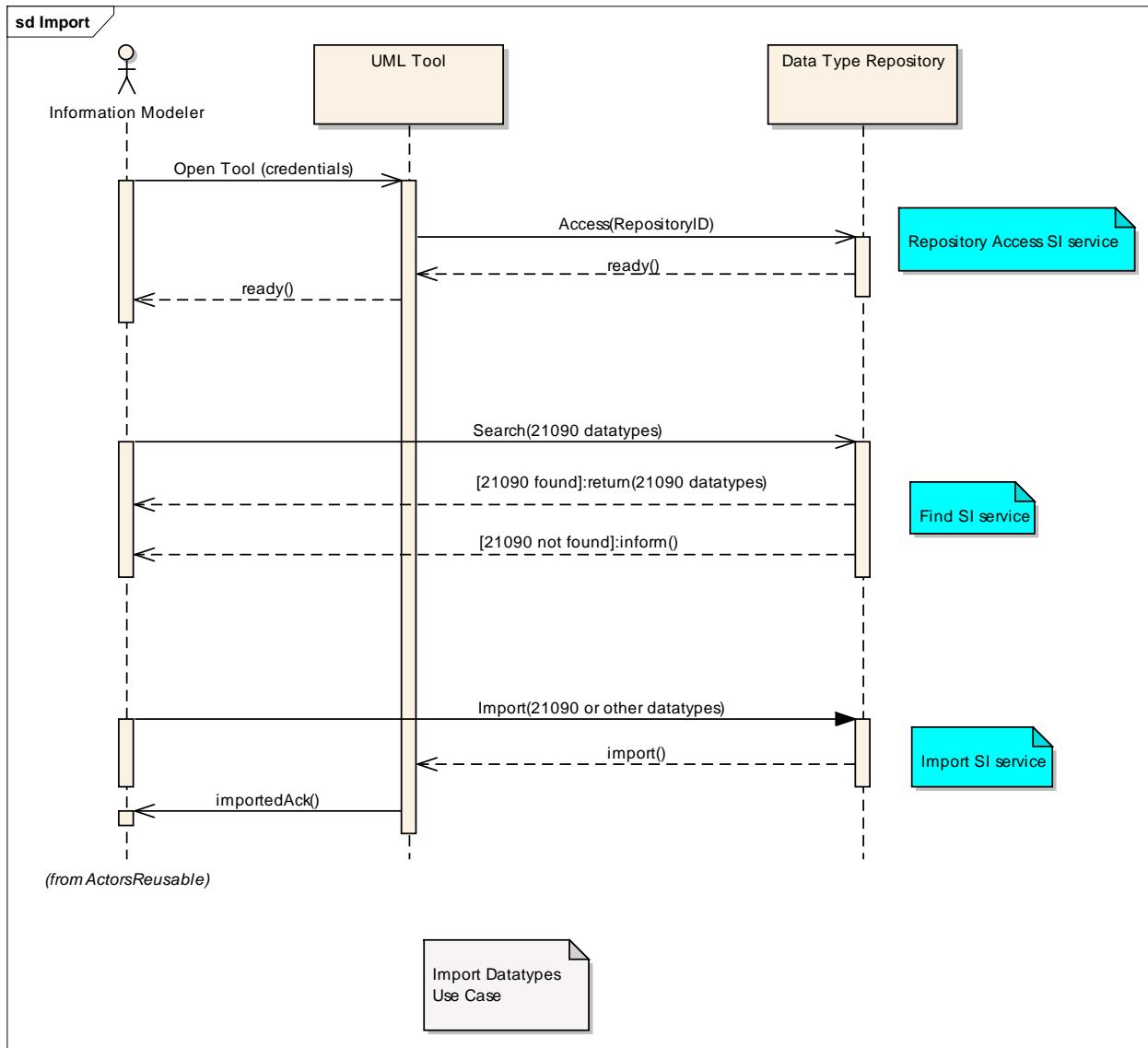


Figure: 67

Model Algorithm Metadata

Type:	UseCase
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Use Case Model
Detail:	Created on 6/7/2010. Last modified on 6/7/2010.
GUID:	{DD4585E6-37BF-40f6-84C0-E137B7C1EDB1}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Model Algorithm Metadata	Public Model Metadata	
Generalization Source -> Destination	Public Extend Algorithm Metadata	Public Model Algorithm Metadata	
Trace Source -> Destination	Public Model Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Algorithm Metadata	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Extend Algorithm Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {2C8785BE-A618-4eb4-9ED3-32CBA3116FD0}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Extend Algorithm Metadata	Public Model Algorithm Metadata	
Trace Source -> Destination	Public Extend Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Algorithm Metadata	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Model Analytical Provenance

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {E0002747-B5A2-4af3-8112-8287D2FBD786}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Model Analytical Provenance	Public Model Metadata	
Generalization Source -> Destination	Public Extend Analytical Provenance Model	Public Model Analytical Provenance	
Trace Source -> Destination	Public Model Analytical Provenance	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Analytical Provenance	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Extend Analytical Provenance Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {1E666BCD-8A06-420b-9F92-1E907C6D181F}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Extend Analytical Provenance Model	Public Model Analytical Provenance	
Trace Source -> Destination	Public Extend Analytical Provenance Model	Public Init6pm23.pm5 - Brain Tumor in silico study -	

Connector	Source	Target	Notes
		Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Analytical Provenance Model	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Model Metadata Dynamically in Local Data Collection Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {3F2EB5E9-4677-4cff-AB50-694737E0D2E5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Model Metadata Dynamically in Local Data Collection Tool	Public Model Metadata	
Generalization Source -> Destination	Public Create Data Element in Local Data Collection Tool	Public Model Metadata Dynamically in Local Data Collection Tool	

Create Data Element in Local Data Collection Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {82E27460-8144-412d-A4FE-4755D4CF326D}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Create Data Element in Local Data Collection Tool	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Generalization Source -> Destination	Public Create Data Element in Local Data Collection Tool	Public Model Metadata Dynamically in Local Data Collection Tool	

Model Research Methodology

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {EB5BB11D-8D9D-4d4a-BD8D-3F29061F3EC3}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Extend Research Methodology Model	Public Model Research Methodology	
Generalization Source -> Destination	Public Model Research Methodology	Public Model Metadata	
Trace Source -> Destination	Public Model Research Methodology	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Model Research Methodology	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Extend Research Methodology Model

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.

GUID: {417D9542-6EF8-46fa-A008-59CE569CCEDB}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Extend Research Methodology Model	Public Model Research Methodology Model	
Generalization Source -> Destination	Public Associate Study Design Data Elements	Public Extend Research Methodology Model	
Generalization Source -> Destination	Public Associates Input Parameter Data Elements	Public Extend Research Methodology Model	
Trace Source -> Destination	Public Extend Research Methodology Model	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Extend Research Methodology Model	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Associate Study Design Data Elements

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/7/2010. Last modified on 6/7/2010.
GUID: {4FD9E213-6B3E-4d7d-88F4-814551916F5E}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Associate Study Design Data Elements	Public Extend Research Methodology Model	
Trace Source -> Destination	Public Associate Study Design Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study -	

Connector	Source	Target	Notes
		Pathology and Radiology data models	
Trace Source -> Destination	Public Associate Study Design Data Elements	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Associates Input Parameter Data Elements

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {7492B8EB-92FD-4026-A97F-EE9F87CBA7B6}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Associates Input Parameter Data Elements	Public Extend Research Methodology Model	
Trace Source -> Destination	Public Associates Input Parameter Data Elements	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Associates Input Parameter Data Elements	Public Init3dbw2.pm21 - Provenance metadata to support Semantic Workflows	

Update Model Semantics

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {97AF4E7E-7325-4ba2-8D04-2324ECB11D2B}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Update Model Semantics	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Update Model Semantics	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Update Model Semantics	Public Model Metadata	
Generalization Source -> Destination	Public Add Semantic Concepts to Model Elements	Public Update Model Semantics	

Add Semantic Concepts to Model Elements

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {29F1C5C3-C05A-4aee-B6F4-A8CA62471D02}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Add Semantic Concepts to Model Elements	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Add Semantic Concepts to Model Elements	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Automatically Suggest Concept Mappings in the Modeling Tool	Public Add Semantic Concepts to Model Elements	
Generalization Source -> Destination	Public Add Semantic Concepts to Model Elements	Public Update Model Semantics	

Automatically Suggest Concept Mappings in the Modeling Tool

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {1D1BDB1E-EA77-44f6-A55B-63B96A56F8A8}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Automatically Suggest Concept Mappings in the Modeling Tool	Public Init1bes4.pm10.U0 - SIW Enhancement	
Trace Source -> Destination	Public Automatically Suggest Concept Mappings in the Modeling Tool	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Automatically Suggest Concept Mappings in the Modeling Tool	Public Add Semantic Concepts to Model Elements	
Generalization Source -> Destination	Public Select Specific Terminologies for Automated Mappings	Public Automatically Suggest Concept Mappings in the Modeling Tool	

Select Specific Terminologies for Automated Mappings

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {AA21B8E0-69E3-4140-8EA3-233BFCBD743D}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Select Specific Terminologies for Automated Mappings	Public Init1bes4.pm10.U0 - SIW Enhancement	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Select Specific Terminologies for Automated Mappings	Public Automatically Suggest Concept Mappings in the Modeling Tool	

Share Metadata

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {8A5078EF-23CA-48bb-856F-BDCAB032C4E3}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Share Metadata	Public Init1bes10.pm17 - Ability to share a link to a CDE	
Generalization Source -> Destination	Public Share a Link to Metadata	Public Share Metadata	
Generalization Source -> Destination	Public Share Dynamically Created Metadata	Public Share Metadata	
Generalization Source -> Destination	Public Share Algorithm Metadata	Public Share Metadata	
Trace Source -> Destination	Public Share Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	
Trace Source -> Destination	Public Share Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	
Trace Source -> Destination	Public Share Metadata	Public Init1SD40 - Statistical computing environment and sharable metadata for statistical practice	

Connector	Source	Target	Notes

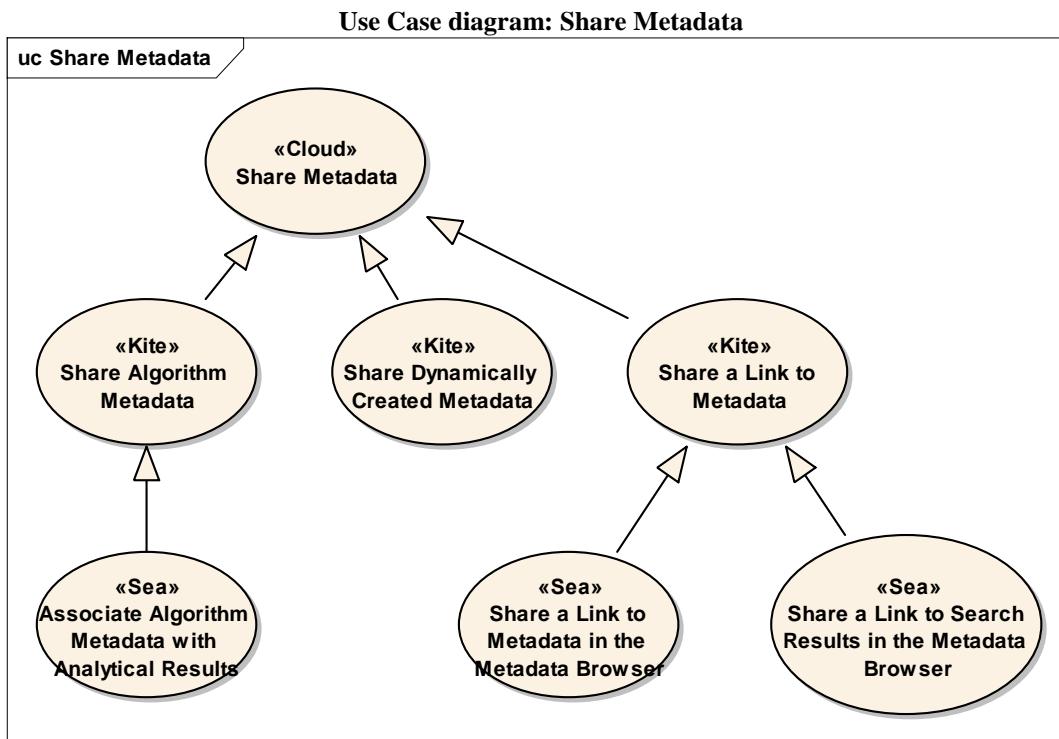


Figure: 68

Share a Link to Metadata

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {EA2B2A17-A6F7-4b6b-B2F2-1021F35B315C}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share a Link to Search Results in the Metadata Browser	Public Share a Link to Metadata	
Generalization Source -> Destination	Public Share a Link to Metadata in the Metadata Browser	Public Share a Link to Metadata	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share a Link to Metadata	Public Share Metadata	
Trace Source -> Destination	Public Share a Link to Metadata	Public Init1bes10.pm17 - Ability to share a link to a CDE	

Share a Link to Metadata in the Metadata Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/14/2010.*
GUID: {B166C843-FEE1-4af3-A2A1-0E1A72BF59ED}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Share a Link to Metadata in the Metadata Browser	Public Init1bes10.pm17 - Ability to share a link to a CDE	
Generalization Source -> Destination	Public Share a Link to Metadata in the Metadata Browser	Public Share a Link to Metadata	

Share a Link to Search Results in the Metadata Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/14/2010.*
GUID: {C6A859F9-5BB5-4bed-86EB-C5278E73DE57}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share a Link to Search Results in the Metadata	Public Share a Link to Metadata	

Connector	Source	Target	Notes
	Browser		
Trace Source -> Destination	Public Share a Link to Search Results in the Metadata Browser	Public Init1bes10.pm17 - Ability to share a link to a CDE	

Share Algorithm Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {18403B82-DD23-4e91-838F-9866C4EC45FB}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share Algorithm Metadata	Public Share Metadata	
Generalization Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Share Algorithm Metadata	
Trace Source -> Destination	Public Share Algorithm Metadata	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

Associate Algorithm Metadata with Analytical Results

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {DFBFDE47-F41D-48d5-BDD4-2FDE89989925}

Connections

Connector	Source	Target	Notes
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Connector	Source	Target	Notes
Generalization Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Share Algorithm Metadata	
Trace Source -> Destination	Public Associate Algorithm Metadata with Analytical Results	Public Init6pm23.pm5 - Brain Tumor in silico study - Pathology and Radiology data models	

Share Dynamically Created Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {2A23B9DF-591B-437a-9634-C35B9FADF626}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Share Dynamically Created Metadata	Public Share Metadata	
Trace Source -> Destination	Public Share Dynamically Created Metadata	Public Init1hm2.pm6 - Reuse or create new data elements at runtime	

Support Cross-platform Interoperability

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {7F6640AD-D1E3-4043-8A1A-83E28211D908}

Connections

Connector	Source	Target	Notes
Trace	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Support Cross-platform Interoperability	INIT1SD6 - Standardized annotations of UML associations names-concepts	

Use Case diagram: Support Cross-platform Development

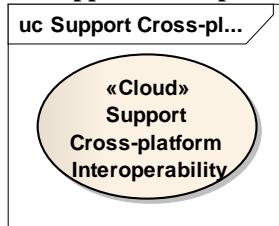


Figure: 69

Visualize Metadata

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/6/2010. Last modified on 6/6/2010.*
GUID: {E4DBA8FD-9CB6-4a3e-A96B-782FC664A9BB}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Visualize Metadata	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Realization Source -> Destination	Public Visualize Metadata	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Generate Domain Analysis Model Reports	Public Visualize Metadata	
Trace Source -> Destination	Public Visualize Metadata	Public Init1pm2 - Need for a Content Driven (Clinician Friendly)	

Connector	Source	Target	Notes
		Browser	
Generalization Source -> Destination	Public Visualize Metadata Side-by-side	Public Visualize Metadata	
Generalization Source -> Destination	Public View Metadata in Modeling Tool	Public Visualize Metadata	
Generalization Source -> Destination	Public Generate Compatibility Artifacts	Public Visualize Metadata	
Generalization Source -> Destination	Public View Metadata in Content-driven Browser	Public Visualize Metadata	
Trace Source -> Destination	Public Visualize Metadata	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public Visualize Metadata	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public Visualize Metadata	Public Init1hm1.pm25 - ICR IRWG requirements	
Generalization Source -> Destination	Public View Metadata in Metadata Browser	Public Visualize Metadata	

Use Case diagram: Visualize Metadata

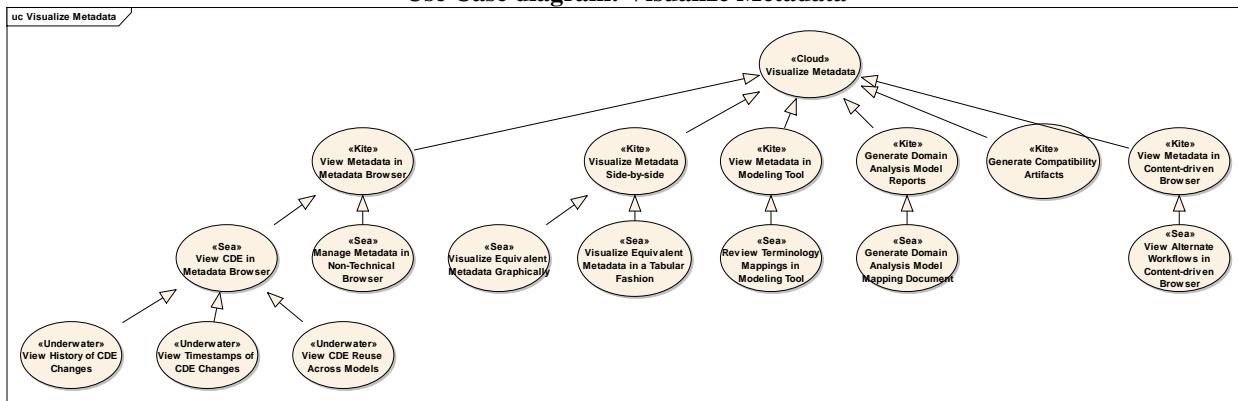


Figure: 70

Generate Compatibility Artifacts

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {87415C8A-5A13-4cbe-944A-2416FECDCECE}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Compatibility Artifacts	Public Init1pm1.pm1 - ICR IRWG Requirements - Model Loading	
Generalization Source -> Destination	Public Generate Compatibility Artifacts	Public Visualize Metadata	

Generate Domain Analysis Model Reports

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {0F38E532-7FE1-4f99-B696-A84A91020E80}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Domain Analysis Model Reports	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Generate Domain Analysis Model Reports	Public Visualize Metadata	
Generalization Source -> Destination	Public Generate Domain Analysis Model Mapping Document	Public Generate Domain Analysis Model Reports	

Generate Domain Analysis Model Mapping Document

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/9/2010.*
GUID: {F6D448A8-CA41-478b-B9BD-6C2D757FA604}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Generate Domain Analysis Model Mapping Document	Public Init1pm11.pm3 - LS DAM refinement and utilization	
Generalization Source -> Destination	Public Generate Domain Analysis Model Mapping Document	Public Generate Domain Analysis Model Reports	

View Metadata in Content-driven Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {548C76A1-B3F5-467a-B954-315D5616739F}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public View Alternate Workflows in Content-driven Browser	Public View Metadata in Content-driven Browser	
Generalization Source -> Destination	Public View Metadata in Content-driven Browser	Public Visualize Metadata	
Trace Source -> Destination	Public View Metadata in Content-driven Browser	Public Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser	

View Alternate Workflows in Content-driven Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/14/2010. Last modified on 6/14/2010.*
GUID: {E458370F-A887-40b0-8A1D-9B3FA9C90017}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public View Alternate Workflows in Content-driven Browser	Public View Metadata in Content-driven Browser	
Trace Source -> Destination	Public View Alternate Workflows in Content-driven Browser	Public Init1pm2 - Need for a Content Driven (Clinician Friendly) Browser	

View Metadata in Metadata Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {D91275B8-7A44-4381-B7A6-4B5ECBF90C0F}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public View Metadata in Metadata Browser	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public View Metadata in Metadata Browser	Public Init1hm4.pm28 - Reuse of Metadata	
Generalization Source -> Destination	Public Manage Metadata in Non-Technical Browser	Public View Metadata in Metadata Browser	
Generalization Source -> Destination	Public View Metadata in	Public Visualize Metadata	

Connector	Source	Target	Notes
	Metadata Browser		
Trace Source -> Destination	Public View Metadata in Metadata Browser	Public Init1hm1.pm25 - ICR IRWG requirements	
Generalization Source -> Destination	Public View CDE in Metadata Browser	Public View Metadata in Metadata Browser	

Manage Metadata in Non-Technical Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/10/2010. Last modified on 6/10/2010.*
GUID: {D54AB2E6-2FD2-4e3c-BA17-404505B27AE7}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Manage Metadata in Non-Technical Browser	Public View Metadata in Metadata Browser	
Trace Source -> Destination	Public Manage Metadata in Non-Technical Browser	Public Init1hm1.pm25 - ICR IRWG requirements	

View CDE in Metadata Browser

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {F04FB1A-67DF-45b6-89A3-A4B663A3D4A5}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public View CDE in Metadata Browser	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	

Connector	Source	Target	Notes
Generalization Source -> Destination	Public View Timestamps of CDE Changes	Public View CDE in Metadata Browser	
Trace Source -> Destination	Public View CDE in Metadata Browser	Public Init1hm4.pm28 - Reuse of Metadata	
Generalization Source -> Destination	Public View CDE Reuse Across Models	Public View CDE in Metadata Browser	
Generalization Source -> Destination	Public View CDE in Metadata Browser	Public View Metadata in Metadata Browser	
Generalization Source -> Destination	Public View History of CDE Changes	Public View CDE in Metadata Browser	

View CDE Reuse Across Models

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/9/2010. Last modified on 6/9/2010.*
GUID: {F2A229A0-B12A-4060-AC38-20998697A4A1}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public View CDE Reuse Across Models	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	
Trace Source -> Destination	Public View CDE Reuse Across Models	Public Init1hm4.pm28 - Reuse of Metadata	
Generalization Source -> Destination	Public View CDE Reuse Across Models	Public View CDE in Metadata Browser	

View History of CDE Changes

Type: [UseCase](#)

Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {D2F5F835-3392-4d93-B28F-AA26BA6E553A}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public View History of CDE Changes	Public Init1hm4.pm28 - Reuse of Metadata	
Generalization Source -> Destination	Public View History of CDE Changes	Public View CDE in Metadata Browser	
Trace Source -> Destination	Public View History of CDE Changes	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	

View Timestamps of CDE Changes

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model *Keywords:*
Detail: Created on 6/9/2010. Last modified on 6/9/2010.
GUID: {4D6808CB-9B2E-49f2-87E6-62E3487B85A1}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public View Timestamps of CDE Changes	Public View CDE in Metadata Browser	
Trace Source -> Destination	Public View Timestamps of CDE Changes	Public Init1hm4.pm28 - Reuse of Metadata	
Trace Source -> Destination	Public View Timestamps of CDE Changes	Public Init1bes6.pm26.U0 - Metadata Browser Functionalities	

View Metadata in Modeling Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {2417C478-E40D-41b7-9CF3-16529FC4A124}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Review Terminology Mappings in Modeling Tool	Public View Metadata in Modeling Tool	
Generalization Source -> Destination	Public View Metadata in Modeling Tool	Public Visualize Metadata	

Review Terminology Mappings in Modeling Tool

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {B5F719BE-5A73-418a-9309-ED104038026D}

Connections

Connector	Source	Target	Notes
Generalization Source -> Destination	Public Review Terminology Mappings in Modeling Tool	Public View Metadata in Modeling Tool	

Visualize Metadata Side-by-side

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {9ECD8FC6-983D-4262-B968-E3A7AAE86BFF}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Visualize Metadata Side-by-side	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Generalization Source -> Destination	Public Visualize Metadata Side-by-side	Public Visualize Metadata	
Generalization Source -> Destination	Public Visualize Equivalent Metadata in a Tabular Fashion	Public Visualize Metadata Side-by-side	
Generalization Source -> Destination	Public Visualize Equivalent Metadata Graphically	Public Visualize Metadata Side-by-side	

Visualize Equivalent Metadata Graphically

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*
GUID: {2034D33E-4ACF-467a-8A71-A13191F0E194}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Visualize Equivalent Metadata Graphically	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Generalization Source -> Destination	Public Visualize Equivalent Metadata Graphically	Public Visualize Metadata Side-by-side	

Visualize Equivalent Metadata in a Tabular Fashion

Type: [UseCase](#)
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case Model **Keywords:**
Detail: *Created on 6/7/2010. Last modified on 6/7/2010.*

GUID: {6481062B-2C68-4ca8-A744-2B4624045993}

Connections

Connector	Source	Target	Notes
Trace Source -> Destination	Public Visualize Equivalent Metadata in a Tabular Fashion	Public Init1bes1.pm9.U0 - Compare Semantic Metadata	
Generalization Source -> Destination	Public Visualize Equivalent Metadata in a Tabular Fashion	Public Visualize Metadata Side-by-side	